



# eLearning Africa

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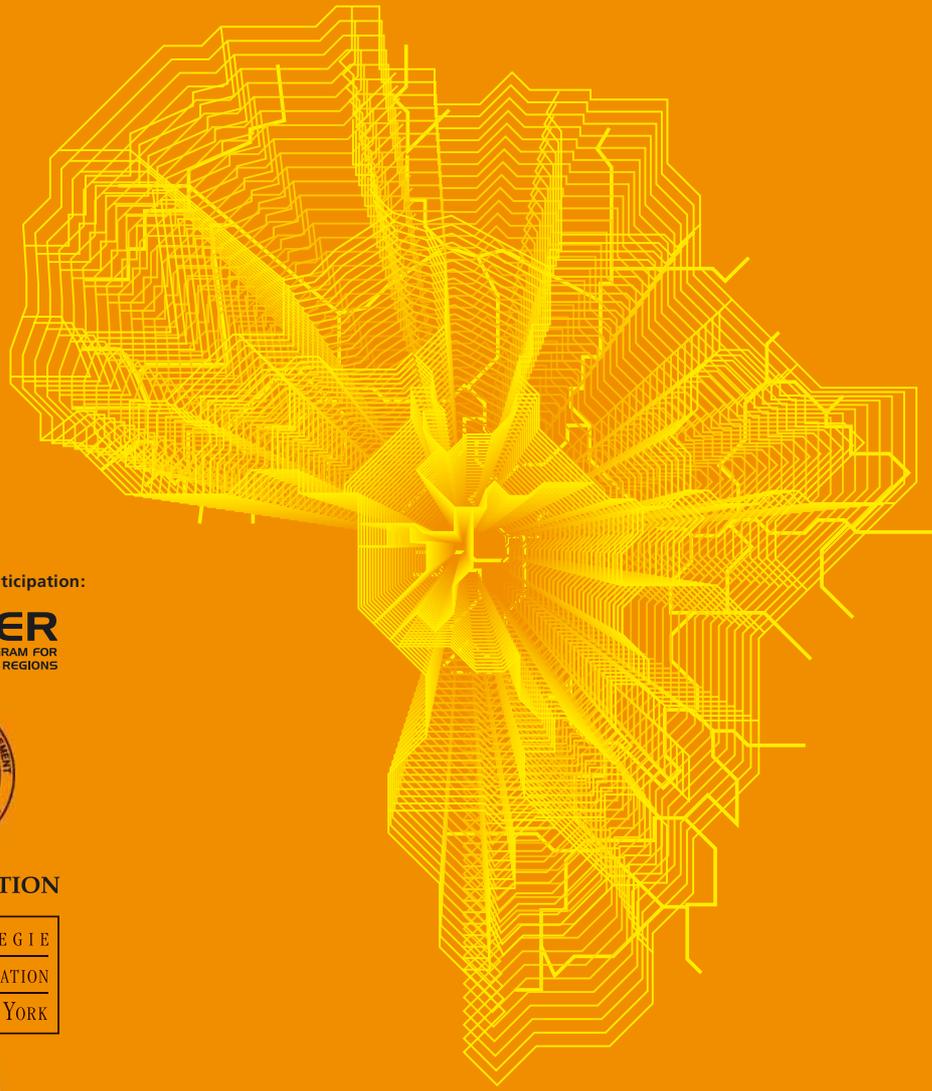


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## 1<sup>st</sup> International Conference on ICT for Development, Education and Training, UNCC, Addis Ababa, Ethiopia An Annual Event for Building eLearning Capacities in Africa



Supporting African Participation:



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# Conference Programme & Exhibitor Catalogue

May 24 – 26, 2006

UNCC - United Nations Conference Centre

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# eLearning Africa

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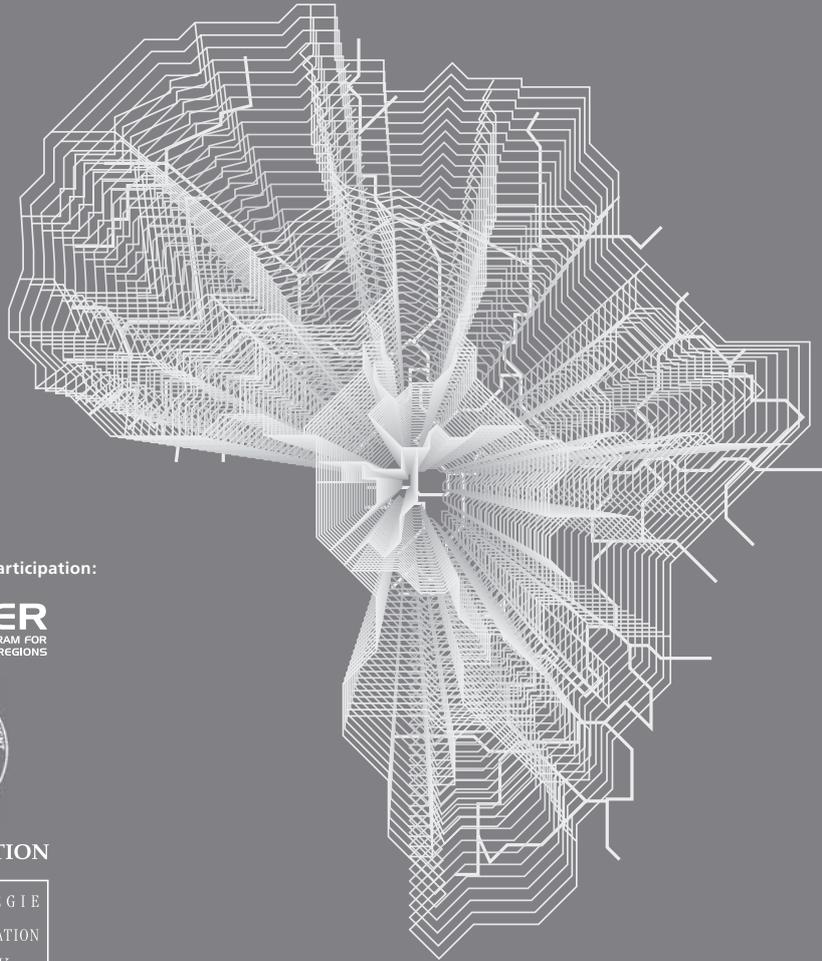


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Towards an African Learning Network



shaping the scientific evolution of Technology Enhanced Learning



ICT4D ICT for  
Development

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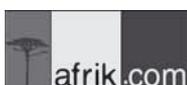
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**eLearning  
Africa**

**1<sup>st</sup> International Conference on ICT for  
Development, Education and Training**

May 24 – 26, 2006

UNCC, Addis Ababa, Ethiopia

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# A Welcome to all Participants by the Organisers of eLearning Africa

With more than 230 international experts presenting in five parallel conference strands, and with thirteen pre-conference workshops that actually extend the conference to a five-day gathering, the first "eLearning Africa" - convening this year in Addis Ababa - is poised to become a powerful capacity building event in all aspects of technology-enhanced education and training. The overwhelming response to the open call for contributions demonstrates that Africa has built a significant community of specialists who consider "eLearning Africa" to be a valuable continental meeting point for networking, discourse, and learning.

About two thirds of the presenters are Africans; the other speakers come mainly from Europe. The rest of the world, though - the USA, Middle East, India, and Australia - is also represented, reflecting the strong interest in cooperation from all continents.

This year the European Commission - in consultation with all African countries - is preparing a massive investment programme named the "Euro-African pact to accelerate Africa's development". The programme will support the establishment of new intra-African network infrastructures and will provide a link to the European Research Network, GEANT. The creation of new services, such as for eLearning, eHealth, and eGovernment, will be greatly enhanced. Many bottlenecks common today that are related to bandwidth, accessibility, and reliability of communications will gradually be overcome. Through ICTs, the cost-efficiency of cooperation among African universities, schools, hospitals, and governments will also be boosted, which will aid in fostering the political, economic, and cultural integration of the entire Continent. The bond between the new intra-African networks and the European R&D community will allow for cost-efficient R&D collaboration in which African needs and requirements can become a driving force. All these recent developments are on the agenda of eLearning Africa, and as an annual event, the conference is well positioned to have a positive impact on them.

eLearning Africa understands itself as Pan-African and open. The programme intends to be relevant for all stakeholders in the domain from the educational and training sector, industry, R&D, and civil society. The programme itself manifests this diversity and will provide a platform for exchanges, discourse, networking, and learning across all sectors. In view of the sheer number and range of expertise of the attendees, participating at and becoming engaged in eLearning Africa is actually a very cost-efficient way to cultivate one's own capacities and knowledge building.

The biggest obstacle to participating in a Pan-African event is the prohibitive travel and accommodation expenses for Africans. We are therefore particularly grateful for the generosity of the sponsors who have provided funding for more than 120 Africans to come to Addis Ababa. The support of the Swedish program SPIDER, the African Development Bank, Microsoft, the Ford Foundation, the Carnegie Foundation the John D. And Catherine T. MacArthur Foundation, the Rockefeller Foundation, the William and Flora Hewlett Foundation, and the Andrew W. Mellon Foundation is a great encouragement, indicating that the difficulties which still exist can and will be surmounted.

We also would like to thank our corporate supporters Microsoft, Sun Microsystems, Nokia, Oracle, Detecon and Intelsat for their commitment to the conference.

We would like to express our sincere gratitude to the numerous individuals and their organisations that have provided significant support to eLearning Africa; special mention is made of the members of the eLearning Africa committees, but also of institutions such as the African Virtual University, the Global Development Learning Network, SchoolNet Africa and Nepad.

eLearning Africa enjoys the patronage of the Ethiopian Minister for Capacity Building and the United Nations Economic Commission for Africa, as well as the support of the European Commission, for which we are very grateful.

The conference organisers wish all delegates, supporting organisations, sponsors, and Patrons a warm welcome to this first Pan-African annual conference on ICT for Development, Education and Training.



HE Hiruy Amanuel, former Ethiopian Ambassador to Germany, Rebecca Stromeier and Leopold Reif after signing the "Memorandum of Understanding" on the Patronage of the Ethiopian Ministry for Capacity Building for eLearning Africa in August 2005.

*Rebecca Stromeier*

**Rebecca Stromeier**

Conference Organisers



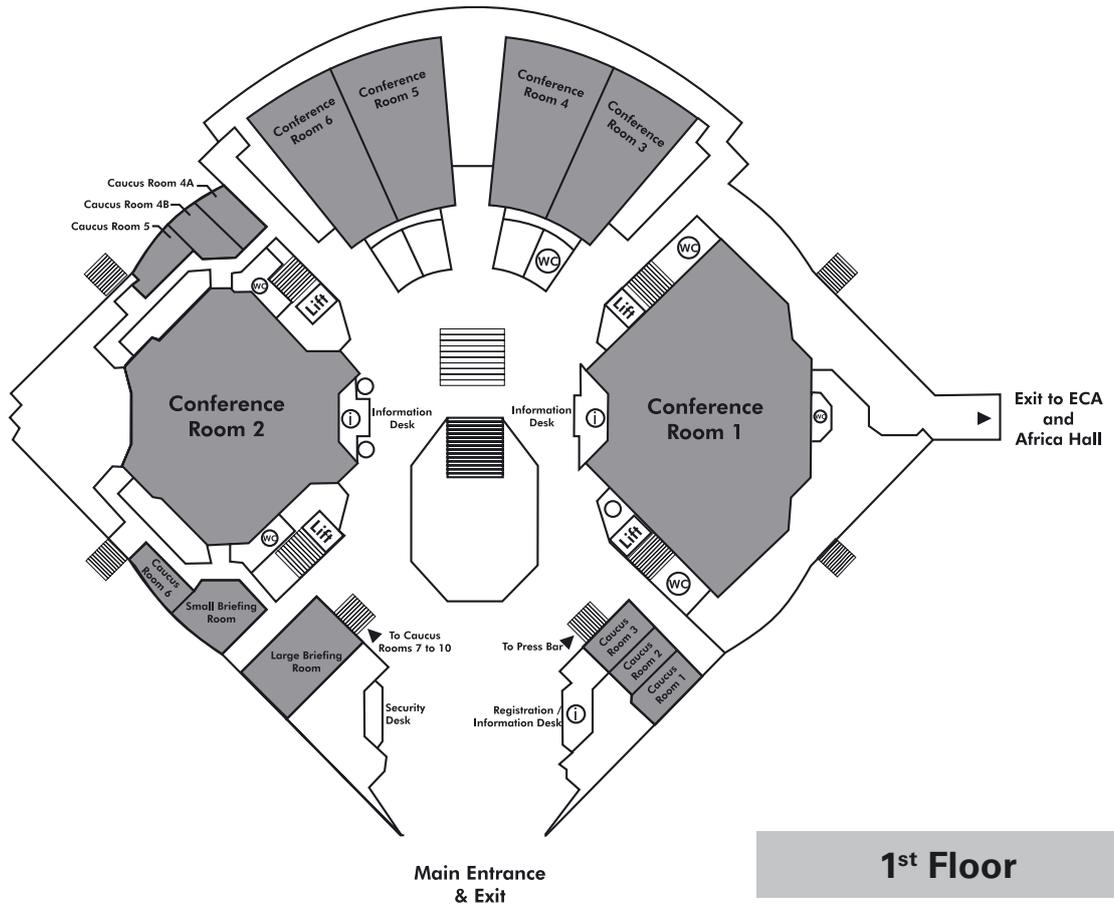
**ICWE GmbH**  
International Conferences,  
Workshops and Exhibitions

*Leopold Reif*

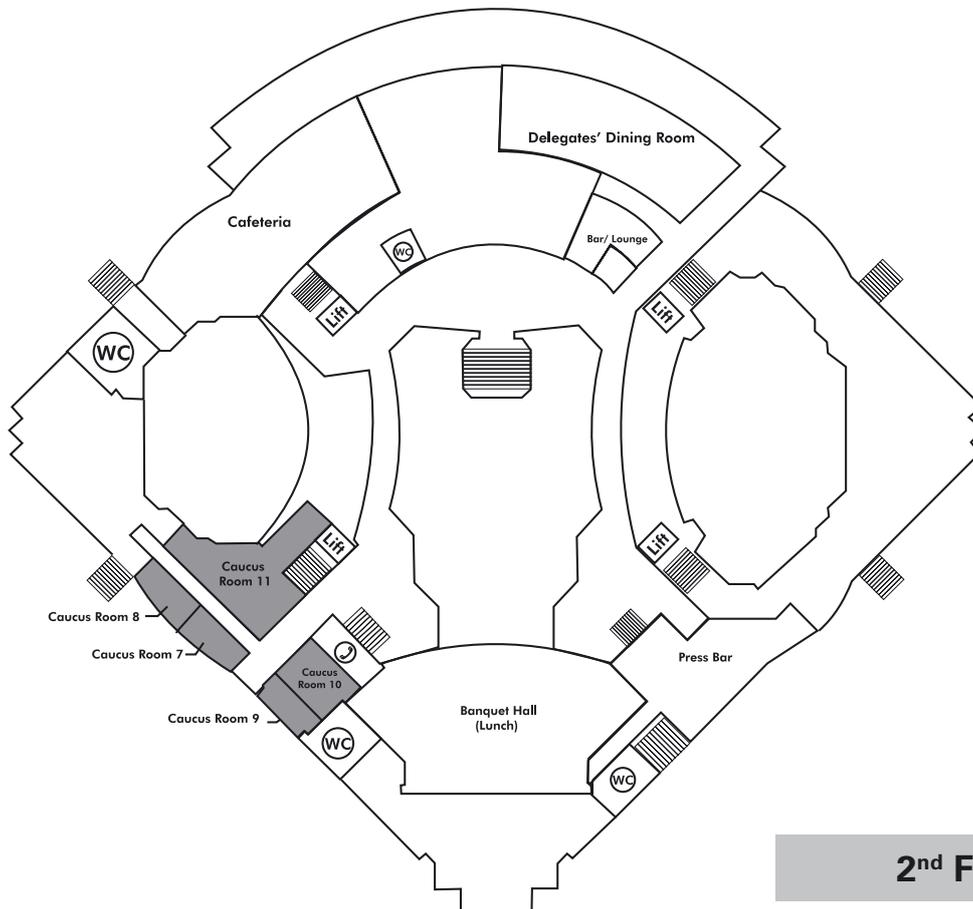
**Leopold Reif**

**HOFFMANN & REIF**  
CONSULTANCY

# United Nations Conference Center

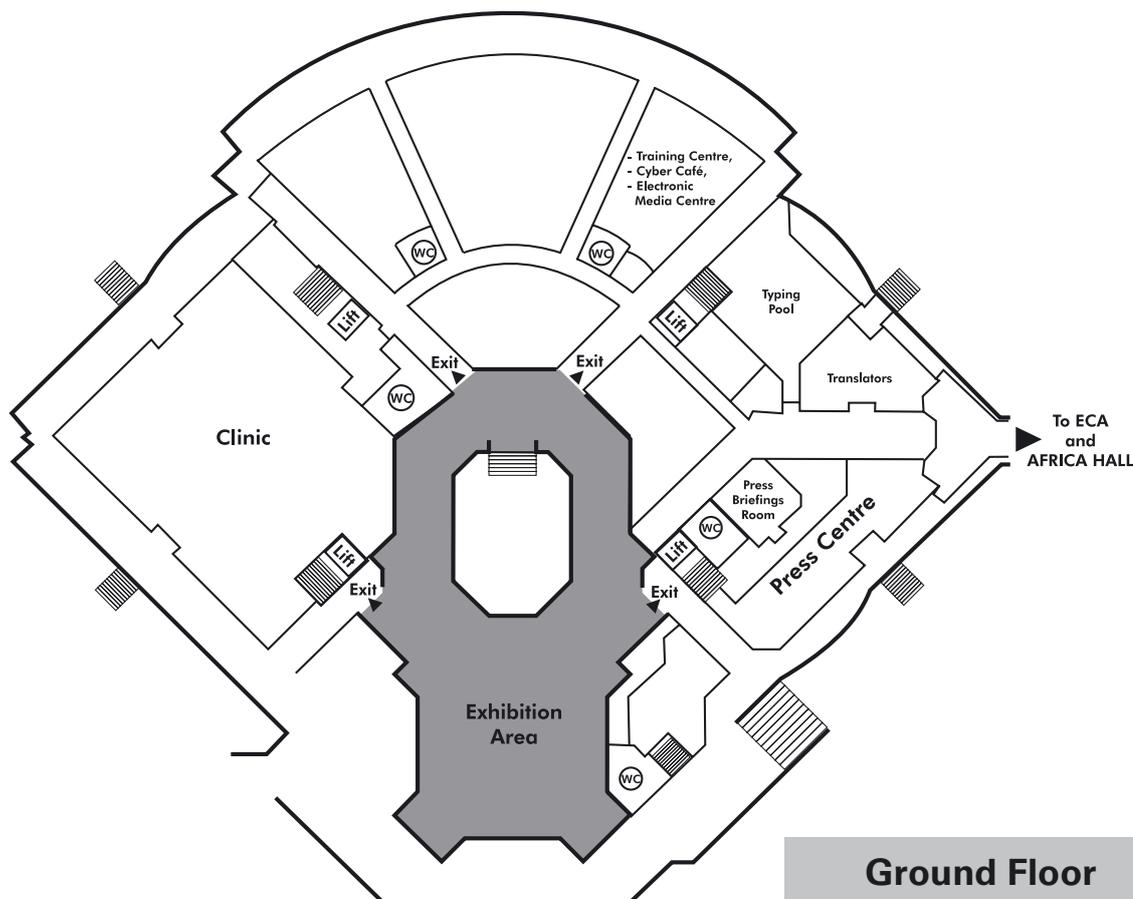


**1<sup>st</sup> Floor**



**2<sup>nd</sup> Floor**

# United Nations Conference Center



Room Name	Abbreviation	Room Function	Location
Delegates' Dining Room		Speakers' Reception	2 <sup>nd</sup> Floor
Banquet Hall		Lunch	2 <sup>nd</sup> Floor
Conference Room 1	CR 1	Workshops, Seminars & Sessions	1 <sup>st</sup> Floor
Conference Room 3	CR 3	Workshops, Seminars & Sessions	1 <sup>st</sup> Floor
Conference Room 5	CR 5	Workshops, Seminars & Sessions	1 <sup>st</sup> Floor
Conference Room 6	CR 6	Workshops, Seminars & Sessions	1 <sup>st</sup> Floor
Caucus Room 6	CC 6	Workshops, Seminars & Sessions	1 <sup>st</sup> Floor
Caucus Room 7	CC 7	Workshops, Seminars & Sessions	2 <sup>nd</sup> Floor
Caucus Room 8	CC 8	Workshops, Seminars & Sessions	2 <sup>nd</sup> Floor
Caucus Room 9	CC 9	Workshops, Seminars & Sessions	2 <sup>nd</sup> Floor
Caucus Room 11	CC 11	Workshops, Seminars & Sessions	2 <sup>nd</sup> Floor
Caucus Room 2	CC 2	Organisers' Office	1 <sup>st</sup> Floor
Caucus Room 3	CC 3	Organisers' Office	1 <sup>st</sup> Floor
Small Briefing Room	SBR	Speakers' Room	1 <sup>st</sup> Floor
Large Briefing Room	LBR	Workshops, Seminars & Sessions	1 <sup>st</sup> Floor
Training Room 2	TR	Workshops, Seminars & Sessions	Ground Floor

# Empowerment through ICT4D

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The Swedish Program for ICT in Developing Regions, SPIDER, was constituted in 2004.

The mission is to assist developing countries with promotion and deployment of ICTs for combating the digital divide and reducing poverty, in line with the UN Millennium Development Goals (MDGs).

## THE STRENGTHS OF SPIDER:

- A unique commitment between the national development cooperation agency and a centre of excellence in ICT.
- A dynamic network including individuals, academia, private and public sectors, governmental organizations and NGOs.
- Extensive knowledge of development cooperation and developing regions.
- Access to expertise within all sectors of ICT. Active promotion of North-South, South-South and North-North cooperation in ICT4D.
- Capacity building through academic programs in ICT4D.
- A comprehensive ICT4D Helpdesk function for Swedish authorities and Swedish Embassies.

**WE BELIEVE IN A WORLD WHERE PLACE OF BIRTH AND ECONOMIC STATUS DO NOT DETERMINE THE ACCESS TO INFORMATION, KNOWLEDGE AND COMMUNICATION.**

**TOGETHER WE WILL BRIDGE THE DIGITAL DIVIDE.**



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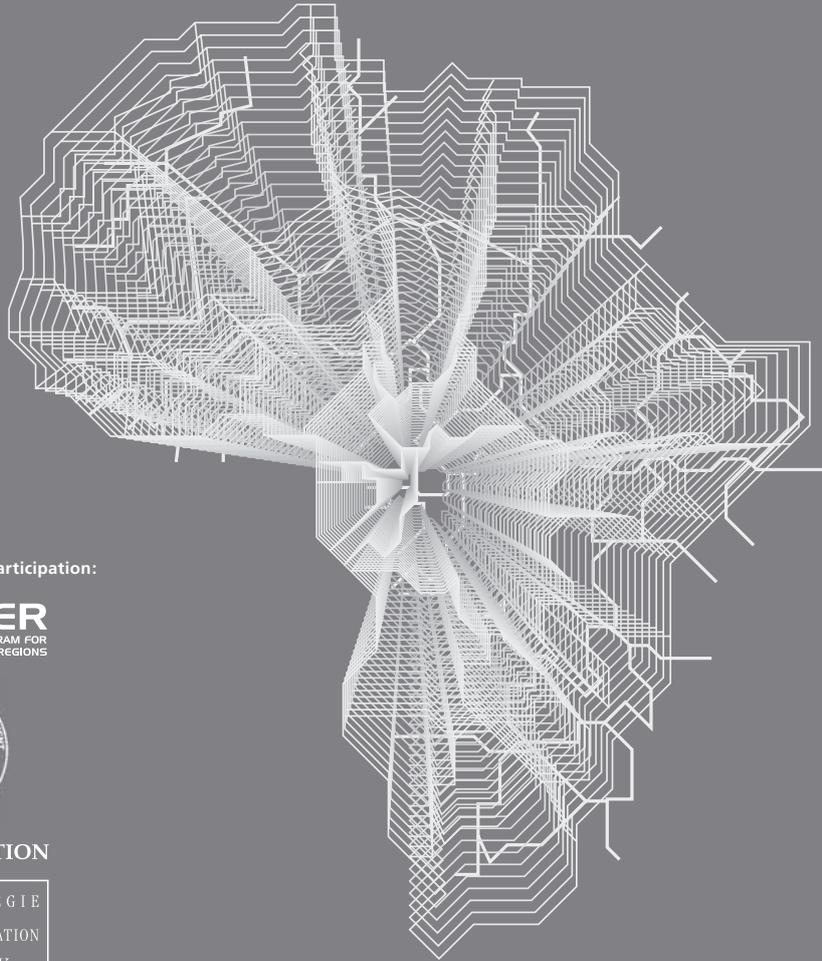


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## Pre-Conference Workshops & Seminars

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## International Conferences, Workshops and Exhibitions

We are specialists in the fields of e-learning, higher education, language training and study abroad programmes. We organise a range of international conferences and exhibitions each leading in their field. Our events cater to organisations, institutions and individuals who are interested in acquiring or disseminating information, developing business and fostering international partnerships.

### OUR EVENTS IN 2006:

#### E-Learning

- **ONLINE EDUCA BERLIN**  
12<sup>th</sup> International Conference on  
Technology Supported Learning &  
Training  
November 29 – December 1, 2006  
[www.online-educa.com](http://www.online-educa.com)
- **ONLINE EDUCA MADRID**  
6<sup>th</sup> International Conference on  
Technology Supported Learning &  
Training  
May 17 – 19, 2006  
[www.online-educa-madrid.com](http://www.online-educa-madrid.com)
- **eLearning Africa**  
1<sup>st</sup> International Conference on ICT for  
Development, Education and Training  
May 24 – 26, 2006  
[www.elearning-africa.com](http://www.elearning-africa.com)

#### Higher Education

- **StudyWorld2006**  
1<sup>st</sup> International Fair for Higher &  
Continuing Education, Internships  
and Careers  
April 28 – 29, 2006  
[www.studyworld2006.com](http://www.studyworld2006.com)

#### Languages & Culture

- **EXPOLINGUA BERLIN**  
19<sup>th</sup> International Fair for Languages  
and Cultures  
November 17 – 19, 2006  
[www.expolingua.com](http://www.expolingua.com)
- **EXPOLINGUA PRAHA**  
16<sup>th</sup> International Fair for Languages,  
Cultures and Education  
November 10 – 11, 2006  
[www.expolingua.cz](http://www.expolingua.cz)
- **LANGUAGES & BUSINESS**  
5<sup>th</sup> Conference on Languages &  
International Business Communication  
May 8 – 10, 2006  
[www.sprachen-beruf.com](http://www.sprachen-beruf.com)
- **LANGUAGES & THE MEDIA**  
6<sup>th</sup> International Conference &  
Exhibition on Language Transfer  
in Audiovisual Media  
October 25 – 27, 2006  
[www.languages-media.com](http://www.languages-media.com)

# WORKSHOPS AND SEMINARS

Tuesday, May 23, 2006

## Seminar A: EU - BEANISH: Ethiopian and International Experiences

**Leaders:** Prof. Sundeep Sahay, University of Oslo, Norway  
 Prof. Jorn Braa, University of Oslo, Norway  
 Prof. Yemane Birhane, Addis Ababa University, Ethiopia  
 Dr. Rahel Bekele, Addis Ababa University, Ethiopia

**Time:** 10:00 – 18:00

### Content:

This one-day seminar will cover two major topics: Ethiopian and international experiences under the BEANISH-HISP initiative. The morning session will bring together government officials, HISP Ethiopia team, researchers, international agencies and other relevant stakeholders to present their experiences, challenges and future directions in relation to their ongoing efforts to enhance the health information systems in Ethiopia under the EU-supported BEANISH-HISP efforts. The afternoon session will focus on sharing individual experiences from the international BEANISH countries, and future strategies for network

building and the sharing of experiences across national borders. Both sessions will include case presentations, a poster session, and panel discussions.

### Outcomes:

- creating awareness amongst higher officials in the health and education sectors of Ethiopia about the BEANISH initiative in the country
- sharing of experiences among the BEANISH partner countries
- developing collaborative south-south-north networks of learning and support around HISP

## Workshop B How to produce an instructional module on the Internet

A Two-day, Hands-on Workshop for Teachers, Professors, Trainers and Educational Experts with a Three-week eLearning Phase on the Internet

**Trainer:** Sebastian Hoffmann, Hoffmann & Reif Consultants, Germany

**Venue:** Graduate School of Telecommunications and Information Technology, Addis Ababa

### Content:

Delivering learning through networks requires the materialisation of knowledge into media. Therefore course production and publishing become a core component of staff development for institutions or individuals wishing to embark on eLearning services. Content and methods of this workshop are action- and result-oriented. The participants will actually produce eLearning content along the lines of a "Rapid eLearning Production" methodology.

Participants are guided to design their eLearning course module, to produce it on their networked PCs and to publish it on-the-fly on the Internet. Each participant will become the owner of a designated personal space on an eLearning platform. Here participants will produce and publish their own eLearning module with the help of a cutting-edge Open Source based content management system.

The workshop will start with an introductory presentation on instructional design and web publishing. Then follows a live demonstration and hands-on exercises on the Internet. Based on this warming-up phase, the participants are coached by the trainers to produce and publish their own eLearning course module. This is done by taking digitalised teaching material and aids such as text, graphics, photos, transparencies etc the participants bring in from their actual lessons or semi-

nars and by using this material for constructing an eLearning module.

The workshop will accommodate a maximum of 20 participants.

Related to each personal result a certificate will be awarded.

The participants will prepare themselves for the workshop by studying workshop relevant resources provided on the eLearning platform. During the workshop the eLearning platform will serve as a workbench for all activities. During the two weeks follow-up phase the eLearning platform will support further activities related to the transfer of acquired skills to the workplace.

### Outcomes:

The participants will apply newly acquired knowledge to their teaching and training practice. They will perform the following tasks (outcome in brackets):

- practice a Rapid eLearning methodology for courseware development (course module)
- author a WebQuest document (WebQuest)
- publish instructional content on an eLearning platform (course home page)
- experience blended learning (documented learning interaction)
- teach online (tutor messages)
- use online evaluation tools (online evaluation forms)

 **Notes**

A series of 20 horizontal grey bars stacked vertically, providing a space for writing notes.

# WORKSHOPS AND SEMINARS OVERVIEW

Wednesday, May 24, 2006

FULL – DAY EVENTS				
09:00 – 17:30	10:00 – 17:00	09:00 – 18:15	10:00 – 17:00	10:00 – 17:00
<b>Seminar 1</b>	<b>Seminar 2</b>	<b>Seminar 3</b>	<b>Seminar 4</b>	<b>Workshop 5</b>
<b>Conference Room 3</b>	<b>Large Briefing Room</b>	<b>Caucus Room 11</b>	<b>Conference Room 6</b>	<b>Caucus Room 6</b>
Supporting ODeL in African Universities	European-African R&D Projects for Bridging the Digital Divide	Quality for eLearning in Africa: Hands-on Training Workshop for Decision Makers, Educational Practitioners and Students	e-Readiness: Making the Most of ICT for Educational Development in Africa: An African Development Bank and Microsoft Perspective, in Conjunction with NEPAD e-Africa Commission	Connectivity Issues and Solutions in Remote, Rural and Developing Educational Communities

HALF – DAY WORKSHOPS		
<b>09:30 – 12:30</b>	<b>09:30 – 12:30</b>	
<b>Seminar 6</b>	<b>Workshop 8</b>	
<b>Conference Room 5</b>	<b>Training Room 2</b>	
Capacity Building in and for eLearning	Mobile Learning: What's Happening, Has It Worked, What's Possible?	
<b>14:00 – 17:00</b>	<b>14:00 – 17:00</b>	<b>13:30 – 17:30</b>
<b>Seminar 9</b>	<b>Workshop 10</b>	<b>Workshop 11</b>
<b>Conference Room 5</b>	<b>Small Briefing Room</b>	<b>Training Room 2</b>
The TESSA Programme: The Role of eLearning and ICTs in Teacher Education and Training in Africa	Designing Learning for the Future	Establishing My Web Presence with a Blog

Morning Coffee will be served from 10:00 – 10:30 in the Exhibition Area, Ground Floor  
 Afternoon Coffee will be served from 16:30 – 17:00 in the Exhibition Area, Ground Floor

Lunch, for full-day workshop participants, will be served from 13:00 – 14:30 in the Banquet Hall, 2<sup>nd</sup> Floor

## Seminar 1: Supporting ODeL in African Universities

**Leaders:** Peter Bateman and Catherine Ngugi, African Virtual University, Kenya  
**Time:** 09:00 – 18:00  
**Room:** Conference Room 3

### Content:

The African educational landscape is poised for a dramatic transformation in the light of social and economic factors which have given rise to the global knowledge economy. Africa has not been a mere bystander to the educational and technological advances which have seen ever-increasing access to the internet, the development of Open, Distance and eLearning (ODeL) initiatives at African universities, and an expanding interest in the benefits of Open Educational Resources (OERs) in Africa.

This one-day seminar will unpack the three key areas the AVU believes will support Open, Distance and eLearning (ODeL) initiatives in African universities;

- Capacity Enhancement for supporting ODeL programme development, delivery and management
- Bandwidth Consortia to reduce connectivity costs in support of ODeL programmes; and
- Open Educational Resources (OERs) use in supporting ODeL programmes

The seminar will take the form of three thematic sessions throughout the day, focusing on each of the above. A short presentation on each will be followed by discussions by the participants that will explore the unique characteristics and challenges that face African universities as they move towards ODeL programme development as a way of increasing access to their academic programmes.

The AVU warmly welcomes your active participation in this seminar and to hearing of your own experiences, successes and challenges in developing Open, Distance and eLearning programmes in Africa.

### The objectives of the AVU Seminar are:

- to build communities of practice in Africa on the above areas
- to build links between Africa based and internationally based communities of practice in these areas
- to build up a body of knowledge on these areas that is relevant to and applicable in Africa

## Seminar 2: European-African R&D Projects for Bridging the Digital Divide

**Chairman:** Leopold Reif, Hoffmann & Reif, Germany  
**Presenters :** Jacques Babot, European Commission, Belgium  
 Prof. Jørn Braa, University of Oslo, Norway  
 Prof. Rahel Bekele, Addis Ababa University, Ethiopia  
 Dr. Humberto Muquingue, Universidade Eduardo Mondlane, Mozambique  
 Chris Morris, Meraka Institute, South Africa  
 Mogotsa Moses Kewagamang, Ministry of Education, Botswana

**Time:** 10:00 – 17:00  
**Room:** Large Briefing Room

### Content:

- Best practices from established EU-African R&D projects
- How African institutions can join the new European programmes
- Initiating a “European-African R&D Pact on ICT for Development”

### The morning session:

Presentations of three European R&D projects with African partners, followed by a structured panel and plenary discussion.

The session will address the following topics:

- what are the R&D issues
- how to apply for an R&D project
- how to forge consortia on two or three continents
- how to manage a European Commission funded R&D project
- what have been the challenges and the solutions
- what are lessons learnt and the achievements so far

### The afternoon session:

- a. Presentations by European Commission representatives with Q&A and a discussion about the new European R&D programmes open for African partners
- b. Selected exemplary short presentations by African participants about their possible contributions to European-African joint R&D projects - to be discussed with European R&D stakeholders
- c. Formulation of a draft „Addis Ababa Declaration for a European-African Pact on ICT for Development“

### The session will address the following topics:

- how can African institutions join European R&D projects
- what are the success criteria in the evaluation process
- best practices in European-African R&D cooperation
- a joint strategy for activities towards European-African R&D beyond this workshop

**At the end of this workshop participants will:**

- know how European Commission “Information Society Technologies” and R&D projects function
- be aware about the funding opportunities for African institutions and corporations offered by the new Euro-African partnership strategy framework
- be familiar with deadlines, processes and requirements for African applicants
- have gained authentic information from existing European-African R&D projects
- have discussed briefly their own possible contributions for future European-African R&D projects with European R&D stakeholders
- will have formulated a draft “Addis Ababa Declaration for a European-African R&D Pact on ICT for Development”

**Seminar 3: Quality for eLearning in Africa: Hands-on Training Workshop for Decision Makers, Educational Practitioners and Students**  
 (Organised by UNESCO and the European Foundation for Quality in eLearning)

**Leaders:** **Stamenka Uvalic-Trumbic**, Chief, Section for Reform, Innovation and Quality Assurance, UNESCO, France  
**Dr. Ulf-Daniel Ehlers**, the European Foundation for Quality in eLearning and the University of Duisburg-Essen, Germany

**Time:** **09:00 - 18:15**

**Room:** **Caucus Room 11**

**Content:**  
 The use of ICT in education is increasingly important for both enhancing educational capacities and contributing to the well being and prosperity of citizens. Quality development and quality assurance in educational provision, both for traditional higher education and ICT-assisted higher education, has become a key for individuals, nations, organisations and regions. This training workshop focuses on quality in the field of eLearning, namely education provided by all modes of blended learning and distance education through a range of technologies.

The workshop will be an interactive training session on quality assurance and quality development, focussing on both the theoretical background of quality development of eLearning and the practical use of successful tools in the field. It will concentrate on the higher education. It will be jointly provided by African and European actors in the field of quality assurance. It is organised and supported by UNESCO, the European

Foundation for Quality in eLearning and the University of Duisburg-Essen, Germany.

The workshop will be followed up by a virtual discussion forum which will be animated by the European Foundation for Quality in eLearning in cooperation with the UNESCO. This virtual discussion forum will focus on quality assurance in eLearning linked to existing UNESCO initiatives to support quality assurance in the Africa Region.

The seminar will provide highly interactive training session in the field of quality assurance and quality developments. It will give insights into the theoretical backgrounds of quality development of eLearning. Examples of strategies currently in use will be presented, and participants will have the opportunity to have hands-on practice with existing tools used in this area. Participants will be invited to take part in follow up activities in the area of quality assurance of elearning such as virtual discussion forum on the topic.

 **Notes**

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#### **Seminar 4: e-Readiness: Making the Most of ICT for Educational Development in Africa: An African Development Bank and Microsoft Perspective, in Conjunction with NEPAD e-Africa Commission**

**Leaders:** Alice Hamer, African Development Bank, Social Sector, North, East and South Africa  
Mark East, Microsoft, EMEA  
Dr. Henry Chasia, NEPAD, South Africa

**Time:** 10:00 – 17:00

**Room:** Conference Room 6

##### **Content:**

The seminar will focus on what is required from a holistic perspective to ensure that ICTs enhance the quality and impact of education in Africa. Special emphasis will be placed on the NEPAD e-schools initiative, and how African governments can achieve a level of ICT preparedness for effective implementation, replication, and scale up.

This seminar brings together the expertise of the African Development Bank, with over 40 years of experience of supporting education across the continent and that of Microsoft which has implemented education solutions across the world.

##### **Discussion topics will include:**

- ICT for education: how can ICT support educational goals and help address current challenges
- Policy frameworks: putting effective policy in place

- Sustainable technology solutions
- Technical support and maintenance: building effective technical support systems in the African context
- Building capacity: ICT and education case studies of best practices
- Partnerships for e-Readiness: working with development agencies; private sector; civil society and UN organisations
- Evaluating e-school initiatives: lessons learnt from the NEPAD e-schools demo
- Regional strategies: mechanisms to foster regional approaches in ICT for education

##### **Outcomes:**

Enhanced understanding of the role of ICTs in education in Africa and of the key issues to consider for impact, effectiveness and sustainability.

#### **Workshop 5: Connectivity Issues and Solutions in Remote, Rural and Developing Educational Communities**

**Leaders:** Mathy Vanbuel, ATiT, Belgium  
Dr. Adebayo Bamitale, Ethiopian School Net Project

**Time:** 10:00 – 17:00

**Room:** Caucus Room 6

##### **Content:**

This workshop is about defining and understanding access or connectivity to computer networks and is focused on identifying the means and opportunities available to those responsible for setting up and maintaining eLearning services in rural and developing communities.

##### **It will cover the following broad topics:**

- introduction to networks including PSTN, ISDN, Wireless & Satellite
- current developments and future perspectives particularly related to satellite communication (VSATs and SITs) and wireless networking technologies
- scoping your needs and requirements
- designing solutions, identifying providers and preparing a deployment plan
- case example from Ethiopia, the UNDP supported School Net Project
- evaluating, trouble-shooting and future-proofing a suitable solution in your location

Materials will be provided to those attending including a copy of "Improving Access to Education via Satellites in Africa: a Primer" written by Mathy Vanbuel and published by Imfundo/DfID, UK. Mathy will also lead participants through a simple training module prepared in collaboration with Crystal eLearning designed to help participants identify and clarify their connectivity needs and requirements. The participation of members of the Ethiopian School Net team will enable participants hear first-hand about the challenges and opportunities inherent in setting up a schools network in Africa.

At the end of this workshop, participants will be able to scope their connectivity requirements, they will be able to discuss these needs with potential network providers and will be able to evaluate their offers and procure and assess a connection service, regardless of location.

During the afternoon, participants are invited to visit two schools that are part of the Ethiopian School Net Network, transportation will be provided for workshop participants.

**Seminar 6: Capacity Building in and for eLearning**

**Leaders:** **Dr. Jan Grabowski**, InWEnt (Internationale Weiterbildung und Entwicklung gGmbH- Capacity Building International), Germany  
**Frank Dubert**, GTZ (Gesellschaft für Technische Zusammenarbeit – Agency for German Technical Cooperation), Germany

**Time:** **09:30 – 12:30**

**Room:** **Conference Room 5**

**Content:**  
This seminar will be organised jointly by the three German development cooperation agencies DED, GTZ and InWEnt. The target group of this workshop will be the eLearning community in Africa. Furthermore, stakeholders of the “eLearning in Development Cooperation” community will be invited.

All three agencies will organise the participation of representatives from prominent eLearning initiatives in Africa.

Advanced learning technologies for educational systems are high on the agenda in Africa, Asia and Latin America. Governments and donor agencies look at them as one of the prevailing options to achieve the Millennium Goal, “Education for All”.

The introduction of technology is either likely to fail or the benefits will only be few without combining the introduction of the new technologies with the building of necessary skills to operate and maintain the new technologies and without developing the appropriate organisational infrastructures in which the newly acquired skills become embedded. This is the reason why capacity building in recent German development cooperation projects embraces both human resources and institutional development.

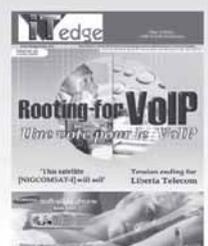
In this seminar representatives of DED, GTZ and InWEnt will present a coherent German approach on eLearning capacity building based on their specific missions.

Participants will be engaged in discussion of the specific challenges and requirements of eLearning projects in African countries, thus sharing experiences on sustainable capacity building in this sector.



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## Workshop 8: Mobile Learning: What's Happening, Has It Worked, What's Possible?

**Leaders:** **John Traxler**, Applied Innovative Digital Technologies Research Group, University of Wolverhampton, UK  
**Leonard Mware Oloo**, Kenya College of Communications Technology, Kenya

**Time:** 09:30 – 12:30  
**Room:** Training Room 2

### Content:

The workshop will explore projects from around the world that have used handheld devices and mobile technologies, including simple cell phones, handheld computers, smartphones, media players (such as iPods); it will enable participants to understand the technologies and pedagogies of mobile learning, its potential and its pitfalls, and assist participants to look at the possibilities for mobile learning in their own situations, enhancing and supporting established forms of eLearning and distance learning.

The projects chosen will include the EU m-learning Project (where the presenter was project evaluator), current large-scale texting projects in Kenya, Southern Africa and UK (where the presenter is consultant and director respectively), performing arts projects using iPods in UK (where the presenter is project mentor) and projects using handheld computers in UK, Europe and elsewhere (where the presenter has directed or collaborated).

The workshop draws on recent books by the presenter (Kukulska-Hulme, A. & Traxler, J. (2005). Mobile Learn-

ing: A Handbook for Educators and Trainers, Routledge: London and Traxler, J. & Kukulska-Hulme, A. (2005). Mobile Learning in Developing Countries, Commonwealth of Learning: Vancouver), on research undertaken jointly by the presenter for a national UK review of Innovative Practice in Wireless and Mobile Learning, on a comprehensive review of the mobile learning conferences (specifically IADIS, MLEARN & WMTE). The workshop also draws on experience of highly successful and over-subscribed national workshops on mobile learning held every semester at the University of Wolverhampton.

After the workshop, participants will

- be familiar with an indicative range of trials and projects in mobile learning, their technologies and pedagogies and their relationship to eLearning
- have experienced and discussed video case studies from the national JISC Landscape Study of Wireless and Mobile Learning (the resultant report and CD-ROM with video will be available to participants)
- be able to use accompanying toolkits for educators, managers and institutions

## Workshop 9: The TESSA Programme: the Role of eLearning and ICTs in Teacher Education and Training in Africa

**Leader:** **Prof. Bob Moon**, The Open University - Centre for Research & Development in Teacher Education, UK

**Time:** 14:00 - 17:00  
**Room:** Conference Room 5

### Content:

The need for new forms of teacher education is acknowledged in most Sub-Saharan African countries. Millions of unqualified and underqualified teachers are working in the expanding school systems. At the same time teacher quality is increasingly recognized as the key factor in providing effective schooling and high levels of pupil achievement (see UNESCO EFA Global Monitoring Report 2005: The Quality Imperative). There is, therefore, a formidable challenge to improve teacher quality.

In this context the argument has been strongly put that the campus based institutions for teacher education, as they now exist, will be unable to meet the scale of demand as school systems expand to meet EFA targets. Such institutions will still have a role but the mode of functioning will change.

In particular two linked developments are likely to characterise developments over the coming decade. First, teacher education in the broadest sense will become school based. Secondly, new communication technologies could provide access to education and training in former hitherto impossible to establish ways.

The seminar, presented by the Teacher Education in Sub-Saharan African (TESSA) consortium\*, will explore:

- i. the policy context of school based teacher education and training
- ii. alternative models of providing teacher education and training to scale with eLearning as a core programme resource.

The seminar will draw on the experience and plans of the TESSA consortium and a related parallel initiative, the Digital Education Enhancement Project (DEEP). The aim of the seminar will be to establish a template/framework through which participants can further explore the role of eLearning in their own teacher education institutional, regional or national situations.

The seminar, drawing on experience in a number of African contexts, will develop a framework through which eLearning and ICTs can be incorporated, at scale, into teacher education and training programmes.

\*The TESSA consortium is headed by The Open University UK and the African Virtual University (AVU). It comprises institutions from 9 African countries, the Commonwealth of Learning and the BBC World Service Trust.

## Workshop 10: Designing Learning for the Future

**Leader:** Prof. Alan Amory, Centre for IT in Higher Education, University of KwaZulu-Natal, South Africa  
**Time:** 14:00 - 17:00  
**Room:** Small Briefing Room

### Content:

Barab and co-authors (1) suggests that educationists should be in the business of supporting sociotechnical environments rather than in the business of creating technical artifacts. Reeves, Herrington & Oliver(2) argue for the use of authentic task-based collaborative learning environments where tasks are relevant to real world, are ill defined, involve complex activities that include different perspectives across numerous domains, allow for reflection and collaboration, result in the production of polished products that can be different and diverse, and include integrated assessment.

The workshop includes a discussion on contemporary learning theories based on the ideas of authentic content, authentic tasks, authentic tools and authentic assessment in order to design course that can make use of either print- or technology-based approaches to transform educational practices. Insights into the management of such an approached will also be explored. Theoretical concepts used in the design of the workshop include social constructivism, student-centered learning environments as proposed by UNESCO (3) and the work of Reeves, Herrington and Oliver (2) on authentic learning.

### The workshop will include activities related to:

- Theories of learning
- Development of print-based solutions for authentic learning environments
- Development of ICT-based solutions for authentic learning; and Participants, working in groups, will develop insights into the design, use and management of authentic task-based collaborative learning environments

### Outcomes:

1. Insights and practical use of contemporary theories of education
2. Insights into the development of authentic learning activities
3. Ability to devise and use print-based solutions for authentic learning activities
4. Ability to devise and use technology-based solutions for authentic learning activities

1.Barab, S.A., Thomas, M.K., Dodge, T., Carteaux, B. & Tuzun, H. (2005). Making learning fun: Quest Atlantis, a game without guns. *Educational Technology Research and Development*, 53(1), 86-107.2. Reeves, T.C., Herrington, J. & Oliver, R. (2004). A development research agenda for online collaborative learning. *Educational Technology Research and Development*, 52(4), 53-65.

## Workshop 11: Establishing My Web Presence with a Blog

**Leaders:** Tony Carr and Glenda Cox, Centre for Educational Technology, University of Cape Town, South Africa  
**Time:** 13:30 - 17:30  
**Room:** Training Room 2

### Content:

This workshop introduces quick and easy ways for educators and researchers to establish a powerful web presence. We can do this using new kinds of websites called blogs to report on our latest news, recommend resources on other sites and share and grow knowledge in collaboration with our peers. All of this is possible with minimal technical knowledge so this medium can become a useful vehicle for communication for all African researchers and academics with access to the Internet. The Global Voices blog at <http://cyber.law.harvard.edu/globalvoices/> links to several examples across the continent. This workshop will use a blog as its primary online learning environment.

**Part One:** In the first two hours we will learn about the characteristics of effective websites and explore several genres of blogs from the "What's New?" sites of the mid 90s to contemporary research and teaching blogs. We will also experience bridge blogs which aggregate and synthesise news across several blogs. Then you will get started with your own easy to update blog on a free blog server.

**Part Two:** The first 45 minutes is for populating our new blogs. We will post a few messages, comment in each others blogs, add some useful links and upload resources or images to share with readers of our blogs. Then we'll share our experiences and hear about some of the diverse ways in which experienced bloggers use their blogs to enhance teaching, research, and their engagement with public debates. Active bloggers who will be at eLearning Africa and want to grow the community are invited to join us to reflect on their blogging experiences.

### Outcomes:

1. Knowledge of how individuals and groups use blogs for web presence
2. Awareness of ethical, legal and technical challenges related to blogging
3. Knowledge of some options for using blogs in teaching and research
4. Basic skills in the use of a popular free blogging service
5. Your own active blog on a popular free blogging service

 **Notes**

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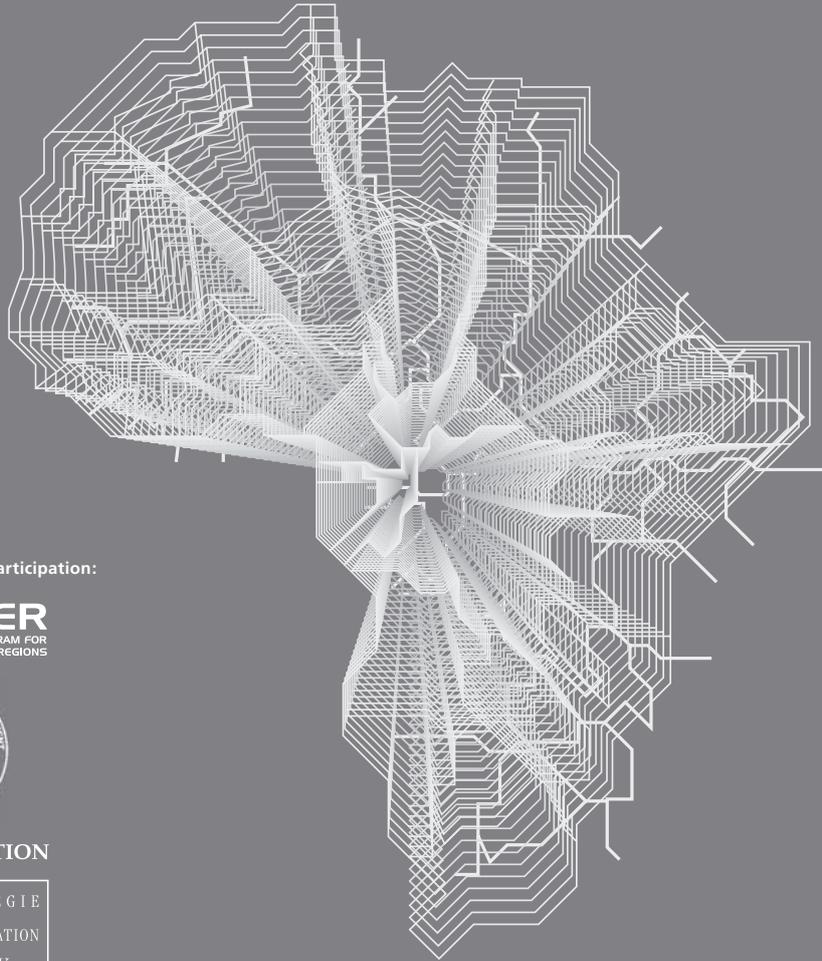


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## 1<sup>st</sup> International Conference on ICT for Development, Education and Training, UNCC, Addis Ababa, Ethiopia An Annual Event for Building eLearning Capacities in Africa



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# Thursday, May 25, 2006

## OVERVIEW

<b>09:00 – 10:30</b>					
Conference Room 1					
Opening Plenary					
10:30 – 11:00 Coffee Break in the Exhibition Area					
<b>11:00 – 13:00</b>					
Conference Room 1	Conference Room 3	Conference Room 5	Caucus Room 11	Conference Room 6	
UNI01	EUR02	OPE03	DDD04	SCH05	
Meeting the Challenge of Adopting ICT in African Universities	European Research Developments in the Service of African Technology-Enhanced Learning	Free and Open Source Software and Free/Open Content	African eLearning Showcase	Effective Implementation Strategies for Schools	
13:00 – 14:30 Lunch for Registered Participants Only in the Banquet Hall, 2 <sup>nd</sup> Floor					
<b>14:30 – 16:30</b>					
Conference Room 1	Conference Room 3	Conference Room 5	Caucus Room 11	Conference Room 6	
UNI06	MED07	TEC08	DDD09	SCH10	
Meeting the Challenge of Adopting ICT in African Universities	Health Knowledge through eLearning	Cutting-Edge Developments Aimed at Africa	Suitable eLearning Frameworks and Structures	Teacher Training and eLearning	
16:30 – 17:00 Coffee Break in the Exhibition Area					
<b>17:00 – 19:00</b>					
Conference Room 1	Conference Room 3	Conference Room 5	Caucus Room 11	Conference Room 6	Large Briefing Room
UNI11	LOC12	TRA13	CAP14	DDD15	OPE33
An African Online Postgraduate Degree in Cyberspace Law	Creating an Indigenous Sustainable Educational Content Industry in Africa	Facing the Challenges of Introducing eLearning in the African Workplace	Knowledge sharing in Real-time for Capacity Development through GDLN	Promoting Learner-Led Pedagogy Through the Effective Use of ICT	Free and Open Source Software vs. Commercial: A Great Debate or Just Snakes and Ladders?

## DETAILED PROGRAMME

Thursday, May 25, 2006 09:00 – 10:30

<b>Room</b>	Conference Room 1
<b>Session Title</b>	Opening Plenary
<b>Chairperson</b>	H.E. Dr. Sintayehu Woldemichael, Minister of Education, Ethiopia
<b>Speakers</b>	<p><b>Keynote presentations by:</b></p> <p><b>H.E. Ato Tefera Waluwa,</b> Ministry for Capacity Building, Ethiopia</p> <p><b>Abdoulie Jannah,</b> UN Under-Secretary-General and Executive Secretary of the Economic Commission for Africa</p> <p><b>Dr. Cheick Diarra,</b> Chairman for Africa, Microsoft</p> <p><b>Hon Dr. Noah M. Wekesa,</b> Minister of Education, Science and Technology, Kenya</p> <div style="text-align: right;"> <p><b>Simultaneous Translation</b></p>  <p><b>English/French</b></p> </div>
<b>10:30 – 11:00</b>	Coffee Break in the Exhibition Area, Ground Floor

Thursday, May 25, 2006 11:00 – 13:00

Room	Conference Room 1	Conference Room 3
Session Code	UNI01	EUR02
Theme	Empowering Traditional Universities with ICT	The New Africa – Europe Partnership Framework
Session title	<b>Meeting the Challenge of Adopting ICT in African Universities</b>	<b>European Research Developments in the Service of African Technology-Enhanced Learning</b>
Description	This presentation session will feature examples of how African universities are increasingly adapting their on and off-campus offer towards the use of ICT. Presenters will highlight the contribution this has made towards the creation of genuine student-centered learning environments as well as increasing learning opportunities for all including female students.	This presentation and discussion session will feature examples of developments in technology-enhanced learning supported by the European Commission which are of particular relevance and value to learning organisations in Africa. It will also focus on the ways in which African organisations can become involved in collaborative R&D efforts of this kind.
Chairperson	<b>Dr. Virginie Aimard,</b> University Paris III La Sorbonne, France	<b>Dr. Nicolas Balacheff,</b> Kaleidoscope NoE & CNRS Grenoble, France & <b>Leopold Reif,</b> Hoffmann & Reif Consultants, Germany
Speakers	<p style="text-align: center;">             Simultaneous Translation            English/French         </p> <p><b>Ruth Nsibirano,</b> Makerere University, Uganda <i>A Gender Based Analysis of ICTs in Higher Institutions of Learning: The Case of eLearning and Internet Based Research in Makerere University</i></p> <p><b>Dr. Alex Mengue Mbom,</b> University of Yaoundé I, Cameroon <i>Intégration Technopédagogique pour une Meilleure Éducation en Afrique Centrale. Le Cas de L'Environnement Universitaire Camerounais</i></p> <p><b>Prof. Zelda Groener,</b> The University of the Western Cape, South Africa <i>Challenging Traditional Teaching and Learning Modes in Higher Education: eLearning, Websites and Knowledge about Development</i></p> <p><b>Dr. Marc Nussbaumer,</b> Université de Nancy 2 CTU, France <i>French eLearning Cooperation Towards an Autonomous University in Djibouti</i></p> <p><b>Prof. Johannes Cronje,</b> University of Pretoria, South Africa <i>Pretoria to Khartoum: Internet-Supported Cross-Cultural Teaching across a Continent</i></p>	<p><b>Jacques Babot,</b> European Commission, Belgium <i>The EC Support to Research and Education Networking in Southern and Eastern Africa Extending the Reach of GEANT</i></p> <p><b>Adamantios Koumpis,</b> ALTEC Information and Communication Systems, Thessaloniki, Greece <i>Investing in the Intangible Assets and Intellectual Capital for Leveraging eLearning in Africa</i></p> <p><b>Selamawit Molla Mekonnen,</b> Addis Ababa University, Ethiopia <i>Implementing an eHealth Information System in Africa through an EU-African R&amp;D Project</i></p> <p><b>Prof. Rosamund Sutherland,</b> University of Bristol, UK &amp; <b>Dr. Edmond Were,</b> Kigali Institute of Education, Rwanda <i>Teaching and Learning with ICT in Rwanda and South Africa</i></p> <p><b>Mogotsa Kewagamang,</b> Ministry of Education, Botswana <i>Building a National eLearning Competence Center for Botswana</i></p>
13:00 – 14:30	Lunch for Registered Participants Only in the Banquet Hall, 2 <sup>nd</sup> Floor	

Thursday, May 25, 2006 11:00 – 13:00

Conference Room 5	Caucus Room 11	Conference Room 6
<b>OPE03</b>	<b>DDD04</b>	<b>SCH05</b>
Open Source, Open Content and eLearning	eLearning Design, Development and Delivery	Introducing eLearning to the School System
<b>Free and Open Source Software and Free/Open Content</b>	<b>African eLearning Showcase</b>	<b>Effective Implementation Strategies for Schools</b>
Open Source as distributed, shared, open software development is high on the agenda both in the North and the South. African countries are opting for the use of Open Source as a key part of their ICT strategy. This presentation and discussion session will present and discuss the impact, opportunities and challenges brought about when opting for an open source approach.	This highly interactive session will feature examples of digital courseware and learning materials developed with African learners in mind. The session will begin with each presenter making a brief introduction of their materials. Session participants can then take the time to have a more in-depth informal discussion with those they find most interesting.	All over the world, ICT is being introduced into school systems. Africa is no exception. Join this presentation and discussion session which will explore some of the challenges faced in introducing equitable and appropriate ICT in secondary and primary level education.
<b>Prof. Derek W. Keats,</b> The University of the Western Cape, South Africa	<b>Dr. Michelle Selinger,</b> Cisco Systems, Worldwide Corporate Affairs	<b>Shafika Isaacs,</b> SchoolNet Africa, South Africa
<b>Kerri Jackes &amp; Jan Beniest,</b> World Agroforestry Centre, Kenya <i>Open Source eLearning: Promoting Access and Communities of Practice in Agriculture Research</i>	<b>Gudula Naiga Basaza,</b> Makerere University, Uganda <i>Science with Health Course</i>	<b>Daniel Lugudde Kakinda,</b> SchoolNet Uganda <i>SchoolNet Uganda eLearning Experience – What Works and What Doesn't Work</i>
<b>Dr. Wim De Boer,</b> Catholic University of Mozambique & <b>Xavier Muianga,</b> Eduardo Mondlane University, Mozambique <i>Possibilities, Experiences and Future of Course Management Systems in Mozambique</i>	<b>Asa Cuzin,</b> World Health Organisation, Switzerland <i>The WHO Reproductive Health Library</i>	<b>Girma Mitiku Aleme,</b> iEARN-Ethiopia & Menelik II General & Preparatory High School, Ethiopia <i>eLearning Experimentation in Ethiopian High Schools</i>
<b>Sebastian Hoffmann,</b> Hoffmann & Reif, Germany <i>An Open Content/Open Source Change Management Approach for eLearning Service Development in Traditional Educational Institutions</i>	<b>Prof. Lut Baten,</b> K.U.Leuven, Belgium <i>Multitaal: Tsenang! Sondelani! Ngenani! Dagsê! InStap!E4B, InStap!Nederlands, InStap!Afrikaans</i>	<b>Lusanda Jiya,</b> Mindset Network, South Africa <i>Mindset Network: A South African Case Study on the Implementation of ICT in Under Resourced Schools</i>
<b>Mike Eberhardt,</b> SUN, South East Europe, Middle East & Africa <i>From Open Source to Open Services in the Education Market</i>	<b>Ursula Suter-Seuling &amp; Ignatz Heinz,</b> Avallain AG, Switzerland <i>Infonet-Biovision</i>	<b>Stefano Scotti,</b> Politecnico di Milano, Italy & <b>Joseph Bashibirira,</b> Mbobero RD Congo <i>Fighting the Digital Divide: A Schools' Initiative in Primary and Secondary Schools in Rwanda, Congo and Ethiopia</i>
<b>Juliet Stoltenkamp,</b> The University of the Western Cape, South Africa <i>Effective eLearning Using a Free Software (Open Source) Platform Made in Africa</i>	<b>Johan Van Der Walt,</b> Riverbend Learning: eDegree, South Africa	<b>Reza Khajavinia,</b> Iran SchoolNet & University of Najafabad, Iran <i>Online Course Designs</i>
<b>Gerald Rwagasana,</b> National University of Rwanda, Rwanda <i>Improving Physics Traditional Teaching by Introducing Blended Learning at the National University of Rwanda</i>	<b>Paul G. C. Hector,</b> UNESCO Addis Ababa Cluster Office, Ethiopia, <b>Dave Lockwood,</b> Naledi3D Factory, South Africa & <b>Dr. Robert Day,</b> ICTs for Non-Zero-Sum Development, South Africa <i>Interactive 3D Learning Objects and Water</i>	<b>Pius Ngwa Tamanji,</b> University of Yaoundé I & NACALCO, Cameroon <i>Rural Electronic Schools for Education and Development in African Languages</i>
13:00 – 14:30	Lunch for Registered Participants Only in the Banquet Hall, 2 <sup>nd</sup> Floor	

Thursday, May 25, 2006 14:30 – 16:30

Room	Conference Room 1	Conference Room 3
Session Code	UNI06	MED07
Theme	Empowering Traditional Universities with ICT	eLearning in the Fight against HIV and AIDS
Session title	<b>Meeting the Challenge of Adopting ICT in African Universities</b>	<b>Health Knowledge through eLearning</b>
Description	This presentation session will feature examples of how African universities are increasingly adapting their on and off-campus offer towards the use of ICT. Presenters will highlight the contribution this has made towards the creation of genuine student-centered learning environments as well as increasing learning opportunities for all including female students.	This session organised by DED, GTZ and InWEnt will focus specifically on the role eLearning can play as an effective instrument that can facilitate access to and improvement in health knowledge. It will include presentations about initiatives and projects which aim to overcome the devastating impact of HIV and AIDS in developing countries.
Chairperson	<b>Aida Opoku-Mensah,</b> Development Information Service Division, UN Economic Commission for Africa	<b>Frank Dubert,</b> GTZ, Germany & <b>Dr. Jan Grabowski,</b> InWEnt, Germany
Speakers	<p style="text-align: center;">Simultaneous Translation</p>  <p style="text-align: center;">English/French</p> <p><b>Daniela Giannini-Gachago &amp; Prof. Amos Thapisa,</b> University of Botswana, Botswana <i>Facts, Figures and Experiences with the Introduction of eLearning at the University of Botswana</i></p> <p><b>Dr. Chris Smith,</b> University of Bolton, UK <i>Capacity Building and Widening Participation. Is eLearning the Answer? A UK/Zambia Case Study on Alternatives</i></p> <p><b>Maggy Beukes-Amis,</b> University of Namibia, Namibia <i>The Establishment of a Multi-Stakeholder eLearning Centre: Namibia's Experiences</i></p> <p><b>Glenda Cox &amp; Tony Carr,</b> University of Cape Town, South Africa <i>A Multifaceted Staff Development Approach to Integrating Technology into University Courses</i></p> <p><b>Prof. Clement Dzigonou,</b> Global Village University (GVU), Ghana <i>The Challenges of Harnessing the Emerging Educational Delivering and Learning Technologies within Campus-Based Universities in Africa</i></p> <p><b>Jean-Marie Muhirwa,</b> Concordia University, Canada <i>Assessing the Effectiveness of Open and Distance Learning in Francophone Sub-Saharan Africa: A Mixed Methods Design</i></p>	<p><b>Dennis J. Mazali,</b> Muhimbili University College, Tanzania will introduce:</p> <p><b>Dr. Clemens Roll,</b> InWEnt, Germany <i>Health Knowledge Through eLearning: Online Course on HIV/AIDS</i></p> <p><b>Helen Prytherch,</b> GTZ, Tanzania <i>Connect and Learn – and the Play it Safe Initiative Informal eLearning</i></p>
16:30 – 17:00	Coffee Break in the Exhibition Area, Ground Floor	

Thursday, May 25, 2006 14:30 – 16:30

Conference Room 5	Caucus Room 11	Conference Room 6
<b>TEC08</b>	<b>DDD09</b>	<b>SCH10</b>
Cutting-Edge Developments Aimed at Africa	eLearning Design, Development and Delivery	Introducing eLearning to the School System
<b>Cutting-Edge Developments Aimed at Africa</b>	<b>Suitable eLearning Frameworks and Structures</b>	<b>Teacher Training and eLearning</b>
Technology in the service of African education is the focus of this presentation and discussion session. Presenters will address technological developments including those related to mobile communications that can have an impact on making learning available for all and on finding ways to overcome the digital divide in the development context.	This is a presentation and discussion session about building eLearning frameworks and support structures in Africa. Presenters will address design issues and put forward practical solutions, approaches and tools based on practical experience and know-how.	Practitioners and experts agree that ICT can play a significant role in pre-service and in-service teacher training in Africa. Throughout the continent, large-scale initiatives are underway supported by national agencies and donor organisations. This presentation and discussion session will feature many of the larger schemes and will focus on some of the best practice arising from these experiences.
<b>Mark East,</b> Microsoft, EMEA	<b>Prof. Thomson Sinkala,</b> University of Zambia, Zambia	<b>Debretsion G. Michael,</b> Ethiopian ICT Development Agency (EICTDA), Ethiopia
<b>Dr. Johan Hendrikz,</b> University of Pretoria, South Africa <i>Mobile Phone Technology as an Instrument for Student Support in Africa</i>	<b>Fiona Bulman,</b> University of KwaZulu-Natal, South Africa <i>Using Authentic Tasks and Appropriate Technology for an African Context</i>	<b>Geoff Calder,</b> Tanzania Ministry of Education, Tanzania <i>Implementing ICT in Teachers' Colleges</i>
<b>Alfred Mutanga,</b> Instituto Superior Politécnico e Universitário (ISPU), Mozambique <i>Suitable eLearning Platforms and Technologies in Developing Countries Especially from Africa</i>	<b>Raymond Tsongorera,</b> University of Zimbabwe, Zimbabwe <i>E-Toolbox for Supporting a Multimedia Project Management Model</i>	<b>Semra Seifu,</b> World Links, USA <i>ICT Connects Distance Learning Centers for In-Service Teacher Professional Development - Rwanda</i>
<b>Dr. Jenny Leach,</b> The Open University, UK <i>Developing the Research Agenda Around Mobile Technologies: The Digital Education Enhancement Project (DEEP) in Africa</i>	<b>Mona A. F. Younes,</b> IslamOnline.net, Egypt <i>Constructive Online Life Skills Training Courses, IslamOnline.net: Case Study</i>	<b>Dr. Claudio Del Don,</b> University of Lugano, Switzerland <i>Improving Teacher Training Using ICTs: A Guinean-Swiss Collaboration</i>
<b>Taroon Japal,</b> Oracle East Africa Operations, Mauritius <i>eLearning – Overcoming Obstacles to Delivering World-Class Education</i>	<b>Christopher Kasangaki,</b> East African Center for Open Source Software, Uganda <i>Designing Suitable eLearning Frameworks and Structures based on Open Source Software</i>	<b>Prof. Bob Moon,</b> Open University, UK <i>World Bank Planning and Costing Tools for OD/ICT Programmes of Teacher Education</i>
<b>John Traxler,</b> University of Wolverhampton, UK <i>Just-in-Time, Already in Place - Reviewing of the Affordances of Mobile Technologies and Handheld Devices for eLearning in Africa</i>	<b>Dr. Elijah I. Omwenga,</b> University of Nairobi, Kenya <i>A Multi-stage Approach for e-Content Development for Science and Engineering Education in the African Region: The Case of UNESCO / ANSTI Project</i>	<b>Dr. Gregory Sales,</b> Seward Incorporated, USA <i>Interactive DVD Teacher Training for Malawi</i>
16:30 – 17:00	Coffee Break in the Exhibition Area, Ground Floor	

Thursday, May 25, 2006 17:00 – 19:00

Room	Conference Room 1	Conference Room 3	Conference Room 5
Session Code	UNI11	LOC12	TRA13
Theme	Empowering Traditional Universities with ICT	Localisation, Customisation and Content Development	eLearning in Government, Private and Public Sectors
Session title	<b>An African Online Postgraduate Degree in Cyberspace Law</b>	<b>Creating an Indigenous Sustainable Educational Content Industry in Africa</b>	<b>Facing the Challenges of Introducing eLearning in the African Workplace</b>
Description	The digital divide is also linked to the juridical environment. In response to African requirements in this area, AUF (Agence Universitaire de la Francophonie) and Gaston Berger University in Sénégal have initiated an online post-graduate degree. This presentation and discussion session will show that this experience, devised by AUF with African specialists, can be applied to other learning contexts and other universities in Africa.	Creating a sustainable educational content industry in Africa is not an easy task. It is one that requires considerable effort and imagination and needs to take into account the particular needs and specifications of indigenous African languages. Presenters in this session will put forward their approach to this challenge which will lead to an informed discussion about the various alternatives available.	This presentation and discussion session will focus on the way eLearning can contribute towards increasing professional and working skills in African companies and organisations. It will highlight ways in which eLearning is being used to prepare potential workers in training colleges and institutes as well as systems used to support employees on-the-job.
Chairperson	<b>Abdullah Cissé,</b> Gaston Berger University, Sénégal	<b>Adejare Amoo,</b> CorporateMind Associates Ltd., Nigeria	<b>Prof. Clement Dzidonu,</b> Global Village University (GVU)
Speakers	<p style="text-align: center;">Simultaneous Translation</p>  <p style="text-align: center;">English/French</p> <p><b>The topic:</b></p> <p><b>Online Postgraduate African Cyberspace Law: The Creation of Open and Online Training in Africa</b></p> <p><b>to be presented by:</b></p> <p><b>Abdullah Cissé,</b> Gaston Berger University, Sénégal</p> <p><b>Laurent Gomis,</b> Cheikh Anta Diop University of Dakar, Sénégal</p> <p><b>Pierre-Jean Loiret,</b> AUF, France</p>	<p><b>Dr. Ibrahim Kabole,</b> AMREF, Tanzania <i>ICT Used to Exchange Local Content in Local Languages can Increase Livelihoods and Become the Motor for Development for Rural Communities – AMREF Experiences from a Pilot Project in Mwanza/Tanzania</i></p> <p><b>Dr. Dawit Bekele &amp; Dida Midekso,</b> Addis Ababa University, Ethiopia <i>ICT, FOSS and Education</i></p> <p><b>Dr. Wanjiku Ng'ang'a,</b> University of Helsinki, Finland <i>Multilingual Content Development for eLearning in Africa</i></p> <p><b>Prof. Bertie Neethling,</b> University of the Western Cape, South Africa <i>Xhosa Acquisition through eLearning; Needs and Challenges</i></p> <p><b>Charles Karoro Muhirwe,</b> National University of Rwanda, Rwanda <i>ICT-Mediated Authenticity in Tertiary L2 Curriculum Design and Development: Language Needs, Materials, Tasks and Situations</i></p> <p><b>Dr. Paola Federica Masperi,</b> EuroTalk Ltd., UK <i>EuroTalk – Learn about: Interactive Video Lessons, Why Cutting Edge Technology is Suitable, Viable and Desirable for Education in Africa</i></p>	<p><b>Dr. Andreas Närmann,</b> Detecon International GmbH, Germany <i>Delivering Training and Education to 200,000 Employees by Means of Advanced Learning Architectures</i></p> <p><b>Dr. Stéphanie Metz,</b> University of Lyon 2, France <i>Collaborative eLearning Display for Acquiring Professional Skills</i></p> <p><b>Michael Hartwig,</b> College of Technical and Vocational Education (CTVE), Botswana <i>eLearning at CTVE: Reflections about the Impact of Attempts Implemented</i></p> <p><b>Rita Ndagire Kizito,</b> University of South Africa, South Africa <i>An Evaluation of Virtual Training for Lathe and Milling Machine Operators in a South African Training Environment</i></p> <p><b>Jude Griffin,</b> Management Sciences for Health, USA <i>Effective Elements of Designing, Developing and Delivering Blended Learning Programs</i></p> <p><b>Prof. Mohamed Amine Benkiran,</b> Learning Design, CIT, EMI, Morocco <i>Birth and Prospects of eLearning, the Common Case of Morocco</i></p>

Thursday, May 25, 2006 17:00 – 19:00

Caucus Room 11	Conference Room 6	Large Briefing Room
<p align="center"><b>CAP14</b></p>	<p align="center"><b>DDD15</b></p>	<p align="center"><b>OPE33</b></p>
<p align="center">Capacity Development Supported by eLearning</p>	<p align="center">eLearning Design, Development and Delivery</p>	<p align="center">Open Source, Open Content and eLearning</p>
<p align="center"><b>Knowledge Sharing in Real-Time for Capacity Development through GDLN</b></p>	<p align="center"><b>Promoting Learner-Led Pedagogy Through the Effective Use of ICT</b></p>	<p align="center"><b>Free and Open Source Software vs. Commercial: A Great Debate or Just Snakes and Ladders?</b></p>
<p>This panel discussion organised by the Global Development Learning Network (GDLN) will feature interviews and a discussion about GDLN as a global network with a special focus on Africa GDLN and AADLC. The discussion will cover objectives, methods and opportunities to use GDLN in Africa to support eLearning as well as location and setting, impact, statistics and perspectives in Africa, partnerships and a great deal more.</p>	<p>Where eLearning has been shown to be successful, it is often synonymous with the promotion of a more learner-led pedagogical approach. During this session, presenters will discuss this phenomenon and will highlight best practice and research outcomes which can be used by others interested in moving towards new and more successful learning models with the support of technology.</p>	<p>The debate between OS and Commercial LMS is raging. Yet this debate is really a side track for the real issues to come, successful implementations and adoption of these same systems on campuses. The idea is to showcase the common ground and to help each camp see each other as learning partners, divided by source code orientation yet united through the same challenge of implementation and institution wide adoption.</p>
<p><b>Jacques Edjrokinto,</b> AADLC, Benin</p>	<p><b>Dr. Gilford Hapanyengwi,</b> University of Zimbabwe, Zimbabwe</p>	<p><b>Mathy Vanbuel,</b> ATiT, Belgium</p>
<p><b>Panelists will be:</b></p> <p><b>Charles Senkondo,</b> Tanzania DLC, AADLC &amp; Commission in charge of Content development</p> <p><b>Mor Seck,</b> Senegal DLC, AADLC &amp; Commission in charge of Training and Marketing Strategy</p> <p><b>Atem Ramsundersingh,</b> GDLN Secretariat - The World Bank, Washington D.C.</p> <p><b>Bobak Rezaian,</b> GDLN Africa Region - The World Bank, Washington D.C.</p>	<p><b>Tom Power,</b> The Open University, UK <i>Pedagogic Strategies and Tools for Authoring eLearning Environments, Research Experience from Teacher Education Programmes</i></p> <p><b>Shafika Isaacs,</b> SchoolNet Africa, South Africa <i>Learner-Centred eLearning Strategies: The SchoolNet Africa Experience</i></p> <p><b>Ken Reimer,</b> University of New Brunswick, Canada <i>Engaging Learners Through Learner-Centred eLearning Design</i></p> <p><b>Prof. Dan Wagner,</b> National Center on Adult Literacy/ International Literacy Institute, University of Pennsylvania, USA <i>Pro-poor and Effective Tools for ICT-based Learning: Using the new InfoDev Handbook for Monitoring and Evaluation of ICT4E</i></p>	<p><b>This session will be facilitated by:</b></p> <p><b>Andre van der Merwe,</b> Eiffel Corp, South Africa</p> <p><b>Panelists will include:</b></p> <p><b>Prof. Derek W. Keats,</b> The University of the Western Cape, South Africa</p> <p><b>Dolf Jordaan,</b> University of Pretoria, South Africa</p> <p><b>Hanny Alshazly,</b> ISB, Saudi Arabia</p> <p><b>Prof. Alan Amory,</b> University of KwaZulu-Natal, South Africa</p> <p><b>Daniela Giannini-Gachago,</b> University of Botswana, Botswana</p> <p><b>Dr. Marlana Kruger,</b> University of Johannesburg, South Africa</p> <p><b>Chris Kasangaki,</b> East Africa Center for Open Source Software, Uganda</p> <p><b>Maggy Beukes-Amiss,</b> University of Namibia, Namibia</p>



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# Friday, May 26, 2006

## OVERVIEW

<b>09:00 – 10:30</b>					
Conference Room 1					
Plenary Session: Development Cooperation, ICT and the Potential of eLearning					
<b>10:30 – 11:00</b> Coffee Break in the Exhibition Area, Ground Floor					
<b>11:00 – 13:00</b>					
Conference Room 1	Conference Room 3	Conference Room 5	Caucus Room 11	Conference Room 6	
UNI16	CAP17	DDD18	CAP19	SCH20	
Inter-University Collaboration Supported by ICT	Integrating ICTs in Pedagogically Meaningful Ways in Schools and Educational Institutions	Building and Implementing Management Systems	ICT and Education Policies	Teacher Training and eLearning	
<b>13:00 – 14:30</b> Lunch for Registered Participants Only in the Banquet Hall, 2 <sup>nd</sup> Floor					
<b>14:30 – 16:30</b>					
Conference Room 1	Conference Room 3	Conference Room 5	Caucus Room 11	Conference Room 6	Large Briefing Room
CAP21	CAP22	POL23	ACC24	UNI25	GEN35
Capacity Development Supported by eLearning	UNESCO Teacher Training Initiatives for Sub-Saharan Africa	Inclusive Large-Scale Approaches and Stimulating eLearning Readiness	Access and Connectivity Issues in Africa	Meeting the Challenge of Adopting ICT in African Universities	Multipartner and Multidisciplinary Research and Development of Information Systems
<b>16:30 – 17:00</b> Coffee Break in the Exhibition Area, Ground Floor					
<b>17:00 – 19:00</b>					
Conference Room 1	Conference Room 3	Conference Room 5	Caucus Room 11	Conference Room 6	Large Briefing Room
UNI26	QUA27	DDD28	DDD29	SCH30	GEN36
Exploring Opportunities for Institutes of Higher Education through ICT	Quality Assurance Practices and Procedures for eLearning in Africa	Designing and Re-Using eLearning Content	African eLearning Showcase	Effective Implementation Strategies for Schools	Multipartner and Multidisciplinary Research and Development of Information Systems

## DETAILED PROGRAMME

Friday, May 26, 2006      09:00 – 10:30

<b>Room</b>	Conference Room 1	
<b>Session Title</b>	Plenary Session: Development Cooperation, ICT and the Potential of eLearning	
<b>Chairperson</b>	Prof. Tim Unwin, Royal Holloway, University of London, UK	
<b>Speakers</b>	<p><b>Keynote presentations by:</b></p> <p><b>Alice Hamer,</b> Director of Social Sector, North, South and East Africa, African Development Bank</p> <p><b>Pierre-Jean Loiret,</b> Agence Universitaire de la Francophonie (AUF), France <i>Development of Distance Learning Programmes in Africa: Strategy of the French Speaking universities Agency (AUF)</i></p> <p><b>Monika Weber-Fahr,</b> World Bank Institute, USA</p> <p><b>Jacques Babot,</b> European Commission, Belgium</p>	
<b>10:30 – 11:00</b>	Coffee Break in the Exhibition Area, Ground Floor	



Friday, May 26, 2006

11:00 – 13:00

Room	Conference Room 1	Conference Room 3
Session Code	UNI16	CAP17
Theme	Empowering Traditional Universities with ICT	WITFOR Education Commission / IFIP-TC3 Seminar
Session title	<b>Inter-University Collaboration Supported by ICT</b>	<b>Integrating ICTs in Pedagogically Meaningful Ways in Schools and Educational Institutions</b>
Description	Inter-University collaboration is on the increase, particularly in Africa where initiatives linking African universities with universities in other parts of the world can bring significant benefits to all concerned. This presentation and discussion session will explore some of the issues and experiences of inter-university collaboration and will point to best practice for others interested in such initiatives.	The WITFOR education commission is taking the eLearning Africa conference as an opportunity to present the work done by the commission since 2005, and to outline a commission's agenda for 2007. This session will then allow to investigate new case studies and working examples in Africa, and will also serve as a forum for discussion and reflection on activities and projects to be put on the agenda of the commission for 2007.
Chairperson	<b>Mor Seck,</b> Senegal DLC, AADLC & Commission in Charge of Training and Marketing Strategy	<b>Alain Senteni,</b> VCILT-Mauritius & WITFOR Education Commission, Mauritius & <b>Mariana Patru,</b> UNESCO-Headquarters, France
Speakers	<p style="text-align: center;">Simultaneous Translation  English/French</p> <p><b>Melinda Coetzee,</b> University of Pretoria, South Africa <i>Productive Learning Cultures: An African-Norwegian Collaboration Balancing Academic Quality with Substantial ICT Support</i></p> <p><b>Dr. Ulf-Daniel Ehlers,</b> University of Duisburg-Essen, Germany <i>eLearning for Sustainable Development</i></p> <p><b>Prof. Noémia Simões,</b> ISEL, Portugal &amp; <b>Lucas Nhamba,</b> Univeridade Agostinho Neto, Angola <i>The Beauty of Mathematics - The Use of eLearning Towards Development in Africa</i></p> <p><b>Kevin Mearns,</b> UNISA, South Africa <i>eLearning MSc Program "Urban and Rural Infrastructure Development and Management"</i></p> <p><b>Prof. Emmanuel Tonye,</b> Ecole Nationale Supérieure Polytechnique, Cameroon <i>Development of a Teachware under MATLAB for the Course "Radiation and Antennas" with the ENSP of Yaounde (Cameroon) and with EPFL (Switzerland)</i></p>	<p><b>Vis Naidoo,</b> Mindset Network, South Africa <i>Mindset Network: Reflections from Research Conducted in Implementing ICT in South African Schools</i></p> <p><b>Amakelew Cherkosie,</b> Forum for Street Children Ethiopia, Ethiopia <i>Localising Reversioned Content - Sustainable Strategy for Basic Education in Ethiopia - FSCE Case Study</i></p> <p><b>Alain Senteni,</b> VCILT-Mauritius &amp; WITFOR Education Commission, Mauritius <i>Integrating ICTs in Pedagogically Meaningful Ways in Schools and Educational Institutions</i></p> <p><b>Shalala Sepiso,</b> Rescue Mission &amp; SchoolNet, Zambia <i>The Impact of Language Barriers on the Effectiveness of eLearning and FLOSS in Africa</i></p> <p><b>Titus Tossy,</b> National Computer Center, Tanzania <i>Developing ICTs Skills and Tools for Empowerment (DISKET) Focusing on Youngsters and Women</i></p>
13:00 – 14:30	Lunch for Registered Participants Only in the Banquet Hall, 2 <sup>nd</sup> Floor	

Friday, May 26, 2006

11:00 – 13:00

Conference Room 5	Caucus Room 11	Conference Room 6
<b>DDD18</b>	<b>CAP19</b>	<b>SCH20</b>
eLearning Design, Development and Delivery	Capacity Development Supported by eLearning	Introducing eLearning to the School System
<b>Building and Implementing Management Systems</b>	<b>ICT and Education Policies</b>	<b>Teacher Training and eLearning</b>
<p>Building and implementing management and support systems for eLearning requires significant input and creativity. Choosing the right system, putting in place an acceptable IPR policy, designing an appropriate environment and set of tools can each prove to be difficult hurdles for the newcomer. Presentations in this session all reflect different viewpoints and experiences amongst African eLearning practitioners.</p>	<p>In re-affirming the role of Academia, Universities and Research Institutions in the Information Society, the Economic Commission for Africa launched the Africa Learning Network (ALN), created to facilitate the effective use of ICTs in the learning and teaching process. It is based on the premise that transformation in education and learning require a shift from traditional methods where new technologies can create the opportunity for the best minds to exchange information across vast distances, both at the national level and across throughout the Diaspora. Presentations and discussion in this session will cover the ALN initiatives and eLearning related activities.</p>	<p>Practitioners and experts agree that ICT can play a significant role in pre-service and in-service teacher training in Africa. Throughout the continent, large-scale initiatives are underway supported by national agencies and donor organisations. This presentation and discussion session will feature many of the larger schemes and will focus on some of the best practice arising from these experiences.</p>
<p><b>Ethiopia Tadesse,</b> Addis Ababa University, Ethiopia</p>	<p><b>Aida Opoku-Mensah,</b> ECA, Ethiopia</p>	<p><b>Anne Clarke,</b> WIDE World, Harvard Graduate School of Education, Ethiopia</p>
<p><b>John Walubengo,</b> KCCT – Kenya College of Communication Technology, Kenya <i>Building an eLearning Framework - The Challenges &amp; Experiences</i></p>	<p><b>Aida Opoku-Mensah:</b> Setting the Scene - the Africa Learning Network (ALN) Initiative <b>Askedar Nega:</b> eLearning for Africa Policy Maker</p>	<p><b>David Leeming &amp; Avis Mamau,</b> Solomon Islands Distance Learning Centres Project, Solomon Islands <i>Teacher Training Support via Distance Learning Telecentres in Solomon Islands</i></p>
<p><b>Motsei Stephinah Madia,</b> Tshwane University of Technology, South Africa <i>Use of WebCT to Enhance Human Resource Competencies</i></p>	<p><b>Prof. Aloysius Ajab Amin:</b> The African Institute for Economic Development and Planning (IDEP) eLearning - Debt Management in Africa Initiative</p>	<p><b>Danie Kok,</b> SAP Research CEC Pretoria, &amp; <b>Darelle Van Greunen,</b> Nelson Mandela Metropolitan University, South Africa <i>Practical Solutions for Challenges Facing the Introduction of Blended Learning (ICT) in Developing Regions: A Case Study - The Africa Drive Project</i></p>
<p><b>Todd Korth,</b> SUN, EMEA <i>Sun's Open Computing Vision for Education and Research</i></p>	<p><b>Philippe Ayo:</b> Inter-University Information System for Inter-University Council for East Africa (IUCEA)</p>	<p><b>James Sankale &amp; Leonard Mware Oloo,</b> Ministry of Education, Science and Technology, Kenya <i>Use of ICT in School Empowerment Programme in Kenya</i></p>
<p><b>Dr. Iginio Gagliardone,</b> UNESCO-IICBA, Ethiopia <i>Clustering Resources, Uniting People, Social Networking and Commons Licences</i></p>	<p><b>Dawit Bekele:</b> Addis Ababa Localisation Research Project <b>Ag Hantafaye Mohamedoun,</b> Respondent - Policy Maker, African Perspective</p>	<p><b>Freda Wolfenden,</b> The Open University, UK <i>Open University's 'Open Content' Programme: Defining a Research Agenda</i></p>
<p><b>Prof. Alan Amory,</b> University of KwaZulu-Natal, South Africa <i>Needs Analysis, Development and Use of a New Learning Management System</i></p>	<p><b>Barbara Lukaszewicz,</b> Respondent - International Perspective</p>	

13:00 – 14:30

Lunch for Registered Participants Only in the Banquet Hall, 2<sup>nd</sup> Floor

Friday, May 26, 2006 14:30 – 16:30

Room	Conference Room 1	Conference Room 3	Conference Room 5
Session Code	CAP21	CAP22	POL23
Theme	Capacity Development Supported by eLearning	WITFOR Education Commission / IFIP-TC3 Seminar	Policy Issues and Large Scale Take-up of eLearning
Session title	<b>Capacity Development Supported by eLearning</b>	<b>UNESCO Teacher Training Initiatives for Sub-Saharan Africa</b>	<b>Inclusive Large-Scale Approaches and Stimulating eLearning Readiness</b>
Description	This presentation and discussion session will attempt to answer the question, how can eLearning serve to build capacity in Africa? Is eLearning an appropriate tool? What kinds of barriers need to be overcome for eLearning to fulfill its potential in this regard? And what can be learnt from existing eLearning initiatives in Africa and in other parts of the developing world.	This workshop will mainly focus on UNESCO's Teacher Training Initiative for sub-Saharan Africa - a new 10-year project (2006-2015) to dramatically improve teacher training capacities in 46 sub-Saharan countries. The programme is designed to assist countries to synchronize their policies, teacher education, and labour practices with national development priorities to achieve Education for All and the Millennium Development Goals (MDGs) through a series of four-year cycles.	Take up of eLearning can be seen in the context of regional development and the general use of ICT in a region. Such an approach raises questions about how the general population might be better prepared to take up services including learning that are supported by ICT. During this presentation and discussion session, speakers will present their experiences and recommendations linked to promoting eLearning on a regional scale.
Chairperson	<b>Leonard Mware Oloo</b> , Knowledge Partners, Kenya	<b>Joseph Ngu</b> , UNESCO IICBA, Ethiopia & <b>Mariana Patru</b> , UNESCO Headquarters, France	<b>Tarik Al-Mosheky</b> , EthioMarket, Ethiopia
Speakers	<p style="text-align: center;">Simultaneous Translation  English/French</p> <p><b>Charles Andrew Nadeau</b>, Food and Agriculture Organization (FAO) of the United Nations <i>Building the Capacities of Information and Communication Professionals through eLearning: the IMARK Partnership Initiative</i></p> <p><b>Dr. Salvador Eyezoo</b>, University of Yaoundé I, Cameroon <i>Vision et Mise en Oeuvre d'une Nouvelle Stratégie Éducative au Cameroun: La Perspective de l'Equipe de Formation, de Recherche en Education et Technologies Educatives (EFRETE)</i></p> <p><b>Prof. Åke Grönlund</b>, Örebro University &amp; SPIDER Programme, Sweden &amp; <b>Yousuf Islam</b>, BRAC University, Dhaka, Bangladesh <i>The Bangladesh Virtual Classroom – Using Existing Infrastructure for Developing Interactive Distance Tuition</i></p> <p><b>Saskia Harmsen</b>, International Institute for Communication and Development (IICD), The Netherlands <i>IICD's Approach to Capacity Development: Collaboration, Online &amp; Offline</i></p>	<p><b>Panelists:</b></p> <p><b>Joseph Ngu</b>, UNESCO International Institute for Capacity Building in Africa (IICBA), Addis Ababa, Ethiopia</p> <p><b>Mariana Patru</b>, Teacher Education Section, UNESCO Headquarters, France</p> <p><b>Juma Shabani</b>, UNESCO, Zimbabwe</p>	<p><b>Nector Mbilima</b>, Institute of Graphic Communication, Zambia <i>ICT Identity: A Rural Stretch Initiative in Zambia - A Case of Mazabuka</i></p> <p><b>Dr. Pedro Pinto</b>, CNOTINFOR, Portugal <i>Inclusive Development - a New Conceptual Approach to Turn Inclusion Effective at Education</i></p> <p><b>Luke Wasonga</b>, UNDP-RSC, South Africa <i>Using Information Technology for Enhanced Service Delivery - Case Studies</i></p> <p><b>Dr. Atis Kapenieks</b>, Riga Technical University, Latvia <i>Regional Development Projects: eLearning for Human Resource Development</i></p>
16:30 – 17:00	Coffee Break in the Exhibition Area, Ground Floor		

Friday, May 26, 2006

14:30 – 16:30

Caucus Room 11	Conference Room 6	Large Briefing Room
<b>ACC24</b>	<b>UNI25</b>	<b>GEN35</b>
Access and Connectivity Issues in Africa	Empowering Traditional Universities with ICT	BEANISH Workshop
<b>Access and Connectivity Issues in Africa</b>	<b>Meeting the Challenge of Adopting ICT in African Universities</b>	<b>Multipartner and Multidisciplinary Research and Development of Information Systems</b>
Connectivity continues to be a significant hurdle in various parts of Africa and is viewed by many as the first obstacle to be overcome in putting in place effective eLearning initiatives. This presentation and discussion session will focus on various solutions and opportunities including those supported by satellite and other technologies as well as mobile communications.	This presentation session will feature examples of how African universities are increasingly adapting their on and off-campus offer towards the use of ICT. Presenters will highlight the contribution this has made towards the creation of genuine student-centered learning environments as well as increasing learning opportunities for all including female students.	The workshop will debate strategies for cooperative research and development projects in Africa. It is being organised by the EU funded project BEANISH (Building Europe Africa collaborative Network for applying IST in Health care sector), a major strengthening of a health information systems programme that has been expanding throughout eight African countries.
<b>Mathy Vanbuel,</b> ATiT, Belgium	<b>Dr. Speranza Ndege,</b> Kenyatta University, Kenya	<b>Prof. Nigussie Tadesse,</b> University of Addis Ababa, Ethiopia & <b>Prof. Jens Kaasbøll,</b> University of Oslo, Norway
<b>Dr. Zouli Bonkougou,</b> African Union Commission, Ethiopia <i>Pan African eNetwork: Space Technology for Tele Education</i>	<b>Prof. HA Louw,</b> University of South Africa (Unisa), South Africa <i>Growing the Effective Use of ICT Through Radical Innovation</i>	<b>Presenters:</b> <b>Selamawit Molla Mekonnen,</b> University of Addis Ababa, Ethiopia <i>Demonstration of the District Health Information System in Addis Abeba</i>
<b>Simo Eerik Hoikka,</b> Nokia (Philippines), Inc., Philippines <i>Mobile Learning, Mobile Knowledge Sharing – Some Examples of Nokia's Approach</i>	<b>Dr. Francisca Olusegun Aladejana</b> Obafemi Awolowo University, Nigeria <i>ICT in Teaching and Learning: The Obafemi Awolowo University, Ile-Ife Experience</i>	<b>Gavin Reagon,</b> University of Western Cape, South Africa <i>Strengthening Routine Health Information Systems in South Africa: the Journey from Essential Datasets to Routine Monitoring Tools</i>
<b>Dr. Damian Daniel Haule,</b> University of Dar es Salaam, Tanzania <i>Connectivity Issues While Designing a Network for Rural Telecenters in Tanzania</i>	<b>Prof. Izak Broere &amp; Dr. Marlana Kruger,</b> University of Johannesburg, South Africa <i>The Multifaceted Challenges of our Integrated Multimodal Learning Approach</i>	<b>Omprakash Chandna,</b> Ministry of Health, Botswana <i>Pilot Implementation of DHIS in Botswana</i>
<b>Woldeloul Kassa,</b> University of California Santa Cruz, USA <i>Efficacy of eLearning with Africa's Bandwidth Constraints</i>	<b>Joel Oladipo Omofaye,</b> Federal University of Technology, Akure, Nigeria <i>ICT - Indispensable eLearning Tool for Universities: Case Study of the Federal University of Technology, Akure</i>	<b>Humberto Muquingue,</b> Eduardo Mondlane University, Mozambique <i>Organisational and Technical Challenges in Development of a Management Information System in the Public Sector in Mozambique</i>
<b>Chris Morris,</b> Meraka Institute, South Africa <i>Comparative Study of "First Mile" and "First Inch" Technology in Different Low Density Contexts</i>	<b>Dirk Werner Längin,</b> Stellenbosch University, South Africa <i>Blended or Hybrid Learning Concepts to Overcome Current Problems in Higher Forestry Education in Southern Africa</i>	
<b>Paul Nalikka,</b> Intelsat Africa & Middle East <i>Leveraging Satellites for eLearning</i>	<b>Dr. Nega Gebreyesus,</b> Addis Ababa University, Ethiopia <i>Developing Learner Support Systems – A Requisite for an Effective eLearning Deployment</i>	
<b>16:30 – 17:00</b>	<b>Coffee Break in the Exhibition Area, Ground Floor</b>	

Friday May 26, 2006

17:00 – 19:00

Room	Conference Room 1	Conference Room 3	Conference Room 5
Session Code	UNI26	QUA27	DDD28
Theme	Empowering Traditional Universities with ICT	Quality Assessment, Measurement and Evaluation of eLearning	eLearning Design, Development and Delivery
Session title	<b>Exploring Opportunities for Institutes of Higher Education through ICT</b>	<b>Quality Assurance Practices and Procedures for eLearning in Africa</b>	<b>Designing and Re-Using eLearning Content</b>
Description	Universities everywhere are exploring the opportunities made possible through an increased use of ICT. During this presentation and discussion session, the focus will be on the implications for universities and other institutes of higher education in developing countries in Africa and elsewhere.	As the offer of online, digital and technology supported learning increases, so too does the quality challenge. During this presentation and discussion session, speakers will discuss various quality assurance practices and procedures originating in Africa and elsewhere and will strive to identify mechanisms and strategies that practitioners and policy-makers can apply in their daily work.	The designing of re-usable content is considered vital for the successful implementation and on-going sustainability of eLearning initiatives. This presentation and discussion session will feature several initiatives and will offer a number of different viewpoints for discussion as to how best this can be achieved.
Chairperson	<b>Dr. Virginie Aimard</b> , University Paris III La Sorbonne, France	<b>Dr. Ulf-Daniel Ehlers</b> , EFQUEL & University of Duisburg-Essen, Germany	<b>Andrew Law</b> , BBC, UK
Speakers	<p style="text-align: center;">             Simultaneous Translation            English/French         </p> <p><b>Dr. Speranza Ndege</b>, Kenyatta University &amp; Emily Masinjila, Ministry of Education, Kenya <i>ICT Education in Kenya: A 'Tool' to Strengthen University Education</i></p> <p><b>John Mortimer</b>, Wood &amp; Fibre Institute, University of Stellenbosch, South Africa <i>Strengthening the Forestry and Wood Products Manufacturing Sector Through eLearning: A Case Study of International Cooperation in Industry-Focused Education</i></p> <p><b>Dr. Abebe Kebede</b>, North Carolina Agricultural and Technical State University, USA <i>Sharing Lectures Worldwide to Improve Training in Health</i></p> <p><b>Prof. Rama B. Rao</b>, National University of Rwanda, Rwanda <i>A Focus on Cost, Integration and Management Issues of ICT in the National University of Rwanda</i></p> <p><b>Thomas Rolf</b>, GTZ, Ethiopia <i>eLearning in a Developing Country: Case Studies from Universities in the Philippines</i></p>	<p><b>Juma Shabani</b>, UNESCO Office Harare, Zimbabwe <i>Quality in eLearning for Africa: Outcomes of the Training Workshop Organised by UNESCO and the European Foundation for Quality in eLearning</i></p> <p><b>Prof. Chandru Kistan</b>, University of KwaZulu-Natal, South Africa <i>Quality and Accreditation of Cross-Border Education through eLearning</i></p> <p><b>Melissa Highton</b>, University of Leeds, UK <i>Evaluating the 'Learning' in eLearning and the 'Teaching' in eTeaching</i></p> <p><b>Dr. Kathryn Chang Barker</b>, FuturEd and eQcheck, Canada <i>eLearning Quality and ROI for Consumer Protection and Consumer Confidence</i></p> <p><b>Dr. Penina Mungania</b>, African Education Resource Center, University of Arkansas, USA <i>Buyer Beware: Examining Quality Assurance Issues in eLearning</i></p>	<p><b>Dr. Patti Swarts</b>, GeSCI, Namibia <i>Evaluating and Accessing Quality ICT-Based Content in Developing Countries – The E-Learning Assets Network (E-LAN)</i></p> <p><b>Clementine Tendai Mupfumira</b>, University of Zimbabwe, Zimbabwe <i>A Model for Storage and Retrieval of Information in Learning Object Repositories</i></p> <p><b>Asmare Emerie</b>, Addis Ababa University, Ethiopia <i>Feasibility of Course Development Using Learning Objects</i></p> <p><b>Ahmed M. El-Sobky</b>, RITSEC, Egypt <i>Africa e-Content: The Bridge to a Knowledge-Based Society</i></p> <p><b>Dr. Bernard Comby</b>, Qualilearning SA, Switzerland <i>CoseLearn, Swiss Supported South-South Cooperation in Producing eLearning</i></p>

Friday May 26, 2006

17:00 – 19:00

Caucus Room 11	Conference Room 6	Large Briefing Room
<b>DDD29</b>	<b>SCH30</b>	<b>GEN36</b>
eLearning Design, Development and Delivery	Introducing eLearning to the School System	BEANISH Workshop
<b>African eLearning Showcase</b>	<b>Effective Implementation Strategies for Schools</b>	<b>Multipartner and Multidisciplinary Research and Development of Information Systems</b>
<p>This highly interactive session will feature examples of digital courseware and learning materials developed with African learners in mind. The session will begin with each presenter making a brief introduction of their materials. Session participants can then take the time to have a more in-depth informal discussion with those they find most interesting.</p>	<p>All over the world, ICT is being introduced into school systems. Africa is no exception. Join this presentation and discussion session, which will explore some of the challenges faced in introducing equitable and appropriate ICT in secondary and primary level education.</p>	<p>The workshop will debate strategies for cooperative research and development projects in Africa. It is being organised by the EU funded project BEANISH (Building Europe Africa collaborative Network for applying IST in Health care sector), a major strengthening of a health information systems programme that has been expanding throughout eight African countries.</p>
<p><b>Dr. Michelle Selinger,</b> Cisco Systems, Worldwide Corporate Affairs</p>	<p><b>Girma Mitiku Aleme,</b> iEARN-Ethiopia &amp; Menelik II General &amp; Preparatory High School, Ethiopia</p>	<p><b>Prof Nigussie Tadesse,</b> University of Addis Ababa, Ethiopia &amp; <b>Prof. Jens Kaasbøll,</b> University of Oslo, Norway</p>
<p><b>Dr. Wim Douven,</b> UNESCO-IHE Institute for Water Education, The Netherlands <i>Online Learning for African Water Professionals: Experiences and Challenges to Reach Wider Target Audiences</i></p> <p><b>Russell Pengelly,</b> Computers 4 Kids, South Africa</p> <p><b>Jérôme Queste,</b> Cirad, France <i>Ranema: Animal Epidemiology and Control of Disease</i></p> <p><b>Michelle Lissoos,</b> learnthings Africa, South Africa <i>Learnthings - Experience in Designing, Developing and Delivering Content that Empowers and Engages</i></p> <p><b>Riaz Salim,</b> Jin Technologies, Pakistan <i>eLearning: The Pakistan Experience</i></p>	<p><b>Trudi Van Wyk,</b> Department of Education, South Africa <i>Providing Support to a New Curriculum – The National Educational Portal “Thutong”</i></p> <p><b>Peter Okidi-Lating,</b> Makerere University, Uganda <i>Implementation of Hybrid eLearning in Advanced-Level Rural Girls’ Secondary Science Education in Uganda</i></p> <p><b>Dr. Manorama Tripathi,</b> Banaras Hindu University, India <i>eLearning Initiatives at School Level in India – Opportunities and Challenges</i></p> <p><b>Evode Mukama,</b> National University of Rwanda <i>Beginning Teachers’ Reflections on Learning with ICT in Rwandan Schools</i></p> <p><b>Daniel Stern,</b> Uconnect, Uganda <i>Regional Network Training Workshops Enable Scalable Schools-Based Internet Training</i></p> <p><b>Jared Charles Ogunde,</b> Scientific Advisory and Information Network (SAIB), Kenya <i>Chemistry Aid and Africa Archive Project: How ICT is Helping Students Enhance Their Grades</i></p>	<p><b>Presenters:</b></p> <p><b>Thanh Ngoc Nguyen,</b> University of Addis Ababa and University of Oslo, Norway <i>Demonstration of Design and Implementation of Open Source Software for Health Information Systems</i></p> <p><b>Chris Moyo,</b> Ministry of Health, Malawi <i>Results and Challenges from Running a Management Information System in the Health Sector of Malawi</i></p> <p><b>Birkinesh Woldeyohannes Lagebo,</b> University of Addis Ababa, Ethiopia <i>Factors Influencing User Training and Possible Strategies to Remove Obstacles</i></p> <p><b>Nima Shidende,</b> University of Dar Es Salaam, Tanzania <i>Health Information Systems in Tanzania Mainland and Zanzibar</i></p> <p><b>Mulugeta Alemayehu &amp; Haile Ayele,</b> University of Addis Ababa, Ethiopia &amp; University of Oslo, Norway <i>Presentation and Demonstration of Care 2x Customization for ART Clinic</i></p>

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# African eLearning Tools and Services Village

As part of eLearning Africa, we are organising the African eLearning Tools and Services Village, where you can see a whole variety of different kinds of tools and services that have been developed for use by African learners. This includes Open Source learning environments, tools for supporting online collaborative learning, content and technology services. Each of the demonstration sessions lasts for 5 hours which provides you with ample opportunity to meet those people responsible for designing and promoting the tools and services shown. Informal and ad hoc demonstration sessions will be organised on each of the demonstration spots, which are colour coded to make it easier for you to find your way around.

## Thursday 09:00 – 14:00

Table 1	Table 2	Table 3	Table 4	Table 5
<b>Fabio Cujino</b> , Elokaler ELR ApS, Denmark <i>EroomX learning</i>	<b>Secundo Correia</b> , CNOTINFOR, Portugal <i>Aventuras 2: Adventures on the World of Words, Images and Sounds</i>	<b>Yasar Yilmaz</b> , Oracle, South Africa <i>Integrating eLearning with the Business of Government</i>	<b>Prof. Margit Scholl</b> , Sudile GbR, Germany <i>SUDILE learning platform</i>	<b>Makane Faye</b> , UNECA, Ethiopia <i>African Virtual Academy</i>

## Thursday 14:00 – 19:00

Table 1	Table 2	Table 3	Table 4	Table 5
<b>Jedidiah Stern</b> , Uconnect Schools, Uganda <i>Interactive step- by-step LAN Administration &amp; Trouble Shooting Guide</i>	<b>Jonathan Renaudon- Smith</b> , INK Media, UK <i>INK-PC</i>	<b>Charles Andrew Nadeau</b> , FAO, Italy <i>Information Manage- ment Resource Kit (IMARK) - A Com- prehensive Suite of Distance Learning Resources, Tools and Communities on Infor- mation Management</i>	<b>Juliet Stoltenkamp &amp; Carolynne Kies</b> , The University of the Western Cape, South Africa, <i>KEWL.NextGen: Free Software and Collaborative Processes for the Next Generation in eLearning</i>	<b>Dr. Jean Ambassa</b> , CIRTA, Canada <i>Concept d'Apprentissage Virtual (ACV) Appliquée en Synergie avec des Pays Africains</i>

## Friday 09:00 – 14:00

Table 1	Table 2	Table 3	Table 4	Table 5
<b>Dr. Elijah Omwenga</b> , University of Nairobi, Kenya <i>The Webscripser for Automating Content Development Process and Reducing Complexity</i>	<b>Dr. Vilnis Dimza</b> , Riga Technical University, Latvia <i>Virtual University. General Electrical Engineering &amp; Electronics: 21 Interactive Learning Tools</i>	<b>Dr. Gregory C. Sales</b> , Seward Incorporated, USA <i>Assessor: An Online Examination Tool</i>	<b>Debbi Marais</b> , Stellenbosch University, South Africa <i>Interactive, Web- based Nutrition in HIV/ AIDS Undergraduate Training Module</i>	<b>Simo Eeric Hoikka</b> , Nokia (Philippines) Inc., Philippines <i>Bridgeit Supporting Education with Mobile Technology</i>

## Friday 14:00 – 19:00

Table 1	Table 2	Table 3	Table 4	Table 5
<b>Alex Twinomugisha</b> , Global e-Schools and Communities Initiative (GeSCI), Namibia <i>Technology Options Framework (Total Cost of Ownership Calculator)</i>	<b>Dr. Maxime Madder</b> , Institute of Tropical Medicine, Belgium <i>Microscope Simulation and Interactive Tick Identification Guide</i>	<b>Dr. Olga Timcenko</b> , LEGO System A/S, Denmark <i>Formal and Informal Learning</i>	T.B.C.	T.B.C.

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Le Président algérien Abdelaziz Bouteflika a été admis à nouveau mardi 18 avril à l'hôpital parisien du Val de Grâce. Alger en proie aux rumeurs.

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### La Francophonie et Senghor : le site ressource

En parallèle avec Francophonies, festival francophone qui dure de mars à octobre, de nombreuses manifestations sont organisées en l'honneur de Léopold Sédar Senghor, en Europe et en Afrique.

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**Dernières brèves**

- Daby se adrester des armes avec l'argent du pétrole
- Bourfalia a été à Paris pour rasoir médicaux
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- Le Blanc veut produire 20 films entre 2006 et 2007
- Alaton et Siemana se réunissent à Douala pour la réalisation du tramway algérien
- 20 000 enfants orphelins du VIH sida au Sénégal
- Oustegun Obassanjo présente un programme de développement du delta du Niger
- 500 personnes tuées en Angola par le choléra en deux mois
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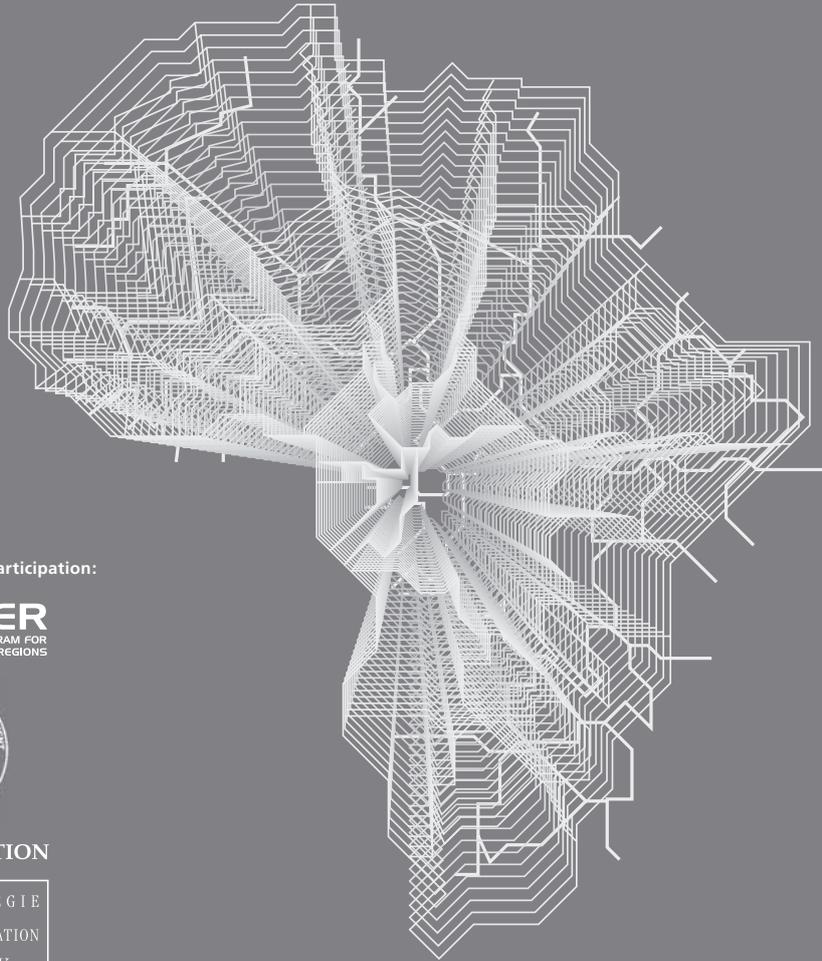


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bit media is Austria's most successful e-Learning and education company, long-term partner of the Austrian Ministry of Education and partner of many additional public bodies. Subsidiaries in Germany, Switzerland, Russia and partnerships around the world. Development projects in the education sector in Asia, Arabic region and Africa. Bit media offers

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## Notes

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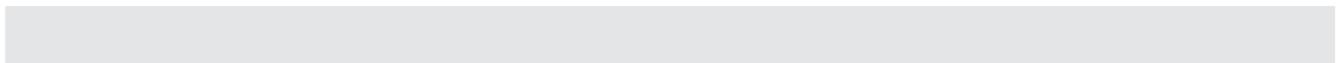
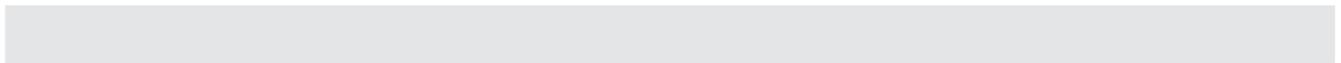
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The supranational project Crystal is implemented by the Deutsche Gesellschaft für Technische Zusammenarbeit (GTZ) GmbH, an international cooperation enterprise for sustainable development with worldwide operations. This project commissioned by the German Federal Ministry for Economic Cooperation and Development is located in the technical and vocational education and training sector. Aim of the project is to strengthen existing technical and vocational education and training systems and help them meet the challenges of pro-poor growth with the help of information and communication technologies. Crystal includes the components Crystal.networking, Crystal.eLearning and Crystal.netbook.

Crystal.networking is a platform compiling joint standards and guidelines for German vocational training cooperation inputs in the area of e-learning. Crystal.elearning provides comprehensive coaching inputs, develops and tests e-learning inputs in partner countries of German Development Cooperation. Crystal.netbook supplies vocational training projects supported by German Development Cooperation with a comprehensive range of digital teaching and learning material, as well as information and coaching inputs.

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and e-service providers is one of InWEnt's focus areas. The German Federal Ministry for Economic Cooperation and Development (BMZ) develops guidelines and the fundamental concepts on which German development policy is based. It lays down the long-term strategies for cooperation with the various actors (like InWEnt, GTZ and DED) involved, and defines the rules by which these are translated into practise.

## Oracle Corporation

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Oracle Corporation as part of its Corporate Social Responsibility Programme is a lead consortium on the NEPAD e-Schools Initiative. The consortium members, Oracle Corporation, Mecer, Sentech, Fujitsu-Siemens Computers, Xerox, DHL, Multichoice Africa, SES Astra, Intel, Cambridge-Hitachi, Learnthings, CompuTainer, Markbook and Evalunet have joined forces to bring

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The African Virtual University works closely with African partner institutions to enhance their capacity in open, distance and e-learning (ODeL) methodologies with the aim of increasing access to their own demand driven programs. The AVU originally brokered content from external international universities to higher education institutions across Africa. This proved to

be unscalable and unsustainable, hence the paradigm shift to ODeL. Currently we work with our Partner Institutions to facilitate contextualization of their demand driven programs; and develops programs with African PIs as in the case of the Teacher Education Program through the utilization of expertise from its global partners.

### Notes

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